Analysis of Health Statistics
for Status Indians in British Columbia
1991-1998

Birth Related
and Mortality Summaries for
British Columbia and Four Administrative Areas

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EXECUTIVE SUMMARY

This report presents summaries of birth-related and mortality measures as health status indicators for B.C.'s Status Indian population. Data from 1991 to 1998 was analyzed and comparisons were made between four geographic areas of the province, and to 'all other' B.C. residents (all residents who are not Status Indian). All rates and counts referred to in the analysis are from supporting tables or appendices presented in the report.

HIGHLIGHTS OF STATUS INDIAN POPULATION ESTIMATES

- In 1998, one in 30 B.C. residents was a Status Indian.
- The Status Indian population is younger than other B.C. residents:
  - In 1998, the average age in the Status Indian population was 28.3 years. This was more than 8 years younger than average age of 36.8 years for other B.C. residents.
  - Children and youth under 20 years of age made up more than one-third of the Status Indian population, but only one-quarter of all the population of other B.C. residents.
  - Seniors (65 years of age or older) made up less than five percent of the Status Indians population, but 13% of the population of other B.C. residents.

HIGHLIGHTS OF BIRTH-RELATED STATISTICS

- In the eight year period, 24,159 Status Indian babies were born in the province. Each year, there were approximately 3,000 Status Indian live births, or 25.1 births for every 1,000 Status Indian residents. This was more than twice the live birth rate for other B.C. residents. Although provincially one in every 15 live births was a Status Indian child, the proportion ranged from a high of one in three births in the North West area to a low of one in 24 births in the South Mainland area.
- Generally, Status Indian mothers tended to be younger than other B.C. mothers. More than three quarters of Status Indian births were to young mothers under age 30, while among other B.C. residents approximately one half of live births were under 30.
- In the Status Indian population, the teen mother birth rate was four and a half times higher than the rate for other B.C. residents. Over the eight year period, 19% of Status Indian births and 4% of births to other B.C. residents were to teenage mothers, and one out of every four teenage mothers in the province was a Status Indian. The teenage mother birth rates decreased steadily between 1991 and 1998, for both the Status Indian population and other B.C. residents.
- The rate of cesarean section deliveries was almost 25% lower in the Status Indian population.
- Approximately 6% of Status Indian births had a low birth weight (under 2500 grams) and approximately 9% were premature births (gestational age less than 37 weeks at birth).

HIGHLIGHTS OF INFANT MORTALITY STATISTICS

- Between 1991 and 1998, there were 274 deaths in the province of Status Indian infants under one year of age. One out of every seven deaths of children under one year of age was a Status Indian child. For the eight years, there were 11.3 infant deaths for every 1,000 Status Indian births, more than double the rate for other B.C. residents.

- There was a significant decrease in infant mortality in the Status Indian population in the last four years from 45 in 1995 to 14 deaths in 1998. In that period, infant deaths also decreased among other B.C. residents.
- Sudden Infant Death Syndrome (SIDS) was the leading cause of infant mortality in the Status Indian population, accounting for 40% of all Status Indian infant deaths. The infant mortality rate for SIDS in the Status Indian population was almost seven times the rate for all other B.C. residents.

Highlights of Mortality Statistics

- In the 1991-1998 period, one out of every 37 deaths in the province was a Status Indian, for a total of 5,680 Status Indian deaths over the eight years.
- The average age at death among Status Indians was approximately 52 years compared to an average of 69 years for other B.C. residents. The differences by age groups was more striking. Deaths among children and youth (under age 20) accounted for approximately 10% of Status Indian deaths but less than two percent of deaths among other B.C. residents. The opposite pattern was seen in the older age groups: seniors (age 65 or older) accounted for just over a third of Status Indian deaths but more than three quarters of deaths of other residents.
- The 1991-1998 Age Standardized Mortality Rate (ASMR) for the Status Indian population was 114.6 deaths per 10,000 standard population, nearly twice the rate for other BC residents.
- The top five leading causes of death in the Status Indian population were, in order, ischaemic heart disease, cerebrovascular disease/stroke, gastrointestinal cancers, pneumonia/influenza, and respiratory system cancers. Together, these five categories accounted for more than one quarter of Status Indian deaths and nearly one half of all other deaths in the province. Regionally, ischaemic heart disease, cerebrovascular disease/stroke, and gastrointestinal cancers were among the top five causes of death in all area populations.
- Circulatory system diseases were responsible for almost a quarter of Status Indian and one in seven Status Indian deaths was due to cancer.
- The Status Indian mortality rate for respiratory system diseases was almost twice the rate for other residents of the province. Two-thirds of Status Indian deaths from this cause were seniors (aged 65 or older), while for the other B.C. residents more than 90% were seniors.
- Although the province saw a dramatic decline in the annual number of AIDS/HIV deaths between 1995 and 1998, this trend was not seen in the Status Indian population.
- The Status Indian mortality rate for digestive system diseases was almost three times the rate for other B.C. residents. Chronic liver disease/cirrhosis, the largest sub-category of digestive system diseases, was ranked tenth in the list of leading causes of death in the Status Indian population, compared to twentieth in the leading cause list for other B.C. residents.
- The mortality rate for alcohol-related deaths in the Status Indian population was more than six times the rate for other B.C. residents, and the rate for drug induced deaths was more than three times the rate for other B.C. residents.
- In the eight year period, 28% of Status Indian deaths were from accidents and violence, compared to less than eight percent of deaths of other B.C. residents. Among children between 1 and 19 years of age, three quarters of Status Indian deaths and two thirds of deaths of other B.C. children were from accidents and violence.

- The Status Indian mortality rates for motor vehicle traffic accidents, accidental poisoning, and homicide were at least four times the rates for other B.C. residents. The Status Indian mortality rate for suicide was almost three times the rate for other B.C. residents.

HIGHLIGHTS OF REGIONAL STATISTICS

South Mainland Area

The South Mainland area in this report refers to one of the four administrative areas of the province used by the Medical Services Branch, Health Canada.

- The 59,488 Status Indian residents in this area in 1998 represented 45% of the provincial Status Indian population.
- The Status Indian population in the South Mainland area had the highest overall live birth rate, 25.9 births per 1,000 Status Indian residents in the area.
- The South Mainland area had the lowest birth rates of teenage mothers and the highest rates for older mothers. Almost 17% of Status Indian births and less than four percent of births to other area residents were to teenage mothers.
- There were 109 infant deaths in the Status Indian population in the South Mainland area, in the eight year period, resulting in a rate of 9.8 infant deaths per 1,000 Status Indian live births, compared to an infant mortality rate of 5.0 among other area residents.
- Overall, from all causes of death, the Status Indian population in the South Mainland had the highest mortality rate of the four areas, 137.5 deaths per 10,000 standard population. In contrast, other residents in the South Mainland area had the lowest overall mortality rate.
- For cancers, the Status Indian population in the South Mainland area had the highest mortality rate (24.0), while the other South Mainland residents had the lowest (16.6), of the four areas.
- In this area, alcohol is an important health concern. The Status Indian mortality rates from chronic liver disease/cirrhosis (4.9) and alcohol-related deaths (3.4) were more than seven times the rates for the other residents of South Mainland.
- Accidents and violence was also a serious issue in the South Mainland Status Indian population; more than one quarter of all deaths in this population were from this cause. The area's Status Indian mortality rate from accidents and violence (22.1) was the highest of the four Status Indian area populations, and was more than four times the rate for other South Mainland area residents. In comparison to other residents of the area, the Status Indian rates were at least six times higher for accidental poisoning and fire and flames, and four times higher for motor vehicle traffic accidents and homicide.
- The Status Indian population in the South Mainland was the only area population to have accidental poisoning in the top five leading causes of death (fifth place). In addition, this population had the highest mortality rate for 'drug induced' causes.
- Status Indian population in the South Mainland had the highest mortality rate for deaths from AIDS/HIV infections, for all areas.

Vancouver Island Area

The Vancouver Island area in this report refers to one of the four administrative areas of the province used by the Medical Services Branch, Health Canada.

- The 28,631 Status Indians in this area in 1998 represented 22% of the provincial Status Indian population. The Vancouver Island Status Indian population was the youngest of the four areas.
- There were 5,312 Status Indian births in this area over the eight years, for a live birth rate of 25.4 births per 1,000 Status Indian residents in the area. Compared to other areas, the Vancouver Island area Status Indian population had the highest birth rates for low birth weight, premature births, births to teenage mothers and stillbirths, and the lowest rate for cesarean section deliveries.
- Infant mortality was found to be one of the most serious concerns in the Vancouver Island area Status Indian population. In the eight year period, there were 94 Status Indian infant deaths in this area, for an infant mortality rate of 17.7 infant deaths per 1,000 Status Indian births. This was the highest infant mortality rate of the four Status Indian populations. Forty of these deaths were due to SIDS; in the Vancouver Island area, the mortality rate from SIDS was more than nine times higher than the rate for other residents in the area. On a positive note, infant mortality and SIDS has decreased significantly in this population since 1995.
- Suicide was high among both the Status Indian population and other Vancouver Island residents. There were 96 Status Indian suicides in the area in the eight years; the Status Indian suicide mortality rate (4.3 per 10,000 standard population) and the rate for the other area residents (1.3) were the highest of the four areas in their respective populations.
- Of the four areas, the Vancouver Island Status Indian population had the highest mortality rates for colorectal cancer and fire and flames and the lowest mortality rates for selected cancers (lung, cervical, and prostate), pneumonia/influenza, and asthma.

North West Area

The North West area in this report is refers to one of the four administrative areas of the province used by the Medical Services Branch, Health Canada.

- The 17,993 Status Indians in this area in 1998 represented 14% of the provincial Status Indian population. The North West area had the oldest Status Indian population of the four areas.
- One in three births in the North West area was a Status Indian baby. There were 2,814 Status Indian births in this area over the eight years, for a live birth rate of 20.6 births per 1,000 Status Indian residents in the area. This was the lowest birth rate of any Status Indian area population. It also had the lowest rates for low birth weight births, premature births, and stillbirths.
- Although Status Indian population in this area had the highest cesarean section rate (167.7 per 1,000 births) of the four Status Indian populations, this rate was still well below the lowest rate for other residents in any of the four areas.
- There were 617 deaths in the Status Indian population in the North West between 1991 and 1998. Included in this total are 25 infant deaths. The Status Indian mortality rate of all causes of death (82.4) was the lowest of the four Status Indian area populations. Comparing the other residents in each area, the North West has the highest mortality rate (71.6).
- The North West Status Indian population had the lowest mortality rates from accidents and violence of any Status Indian area population.

North East Area

The North East area in this report refers to one of the four administrative areas of the province used by the Medical Services Branch, Health Canada.

- The 25,606 Status Indians in this area in 1998 represented 19% of the provincial Status Indian population.
- There were 4,834 Status Indian births in this area over the eight years, for a live birth rate of 25.9 births per 1,000 Status Indian residents in the area.
- Both the Status Indian and other residents in the area had the lowest elderly gravida birth rates (births to mothers 35 years or older) of the four areas.
- There were 956 deaths in the Status Indian population in the North East between 1991 and 1998. Included in this total are 46 infant deaths. The Status Indian mortality rate (94.0) was in the middle of the range of rates for the Status Indian area populations.
- Comparing the four areas, the Status Indians in the North East area had highest mortality rates in only three categories: for deaths from motor vehicle traffic accidents, homicide, and tuberculosis. In contrast, other residents in the area had the highest mortality rates of the four areas for respiratory system diseases, digestive system diseases, external causes (and motor vehicle traffic accidents in particular), and breast cancer.
- The North East Status Indian mortality rates were the lowest of four areas for broad categories of cancers, infectious/parasitic diseases, and endocrine/nutritional/metabolic diseases, and specifically from diabetes and ischaemic heart disease.

INTRODUCTION

This report was produced by the British Columbia Vital Statistics Agency, as part of an on-going project undertaken on behalf of the Medical Services Branch of Health Canada. The report presents key birth-related and mortality statistics for the B.C. Status Indian population. Information is also presented for the South Mainland, Vancouver Island, North West and North East administrative areas used by Medical Services Branch, Health Canada.

The need for accurate health statistics and population estimates for the Status Indian population is acute. Consistent and reliable data are essential to monitor health status, to assess health needs, and to plan, fund, and deliver health care programs to the province's aboriginal people. When the project was first undertaken in the late 1980s, little data were available for the Status Indian population in the province. For the last five years, this project has attempted to meet these needs by publishing Status Indian population estimates and summary health statistics. Over the years, the quality of the data has improved significantly, and work continues on providing meaningful and reliable statistics.

The entire time series of population estimates and summary statistics are updated annually for this publication. As a result of these enhancements, readers who maintain a library of resource materials should treat this report as a replacement to previous publications, and the data in this report should not be compared to previous reports.

In the last decade, there has been increasing interest in identifying and measuring the health status of all First Nations people in the province. This report presents indicators for one section of that broad population, the residents of B.C. who are registered as *Status Indian*.

This project uses a unique methodology to identify the Status Indian births and deaths in British Columbia, and to produce provincial and regional Status Indian population estimates. Readers are encouraged to read the sections of this report on *Definition of Status Indian* and *Population Estimates* to become familiar with the terms and methodology used in this report.

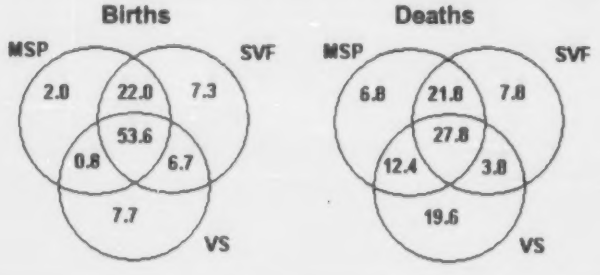
The British Columbia Vital Statistics Agency would like to acknowledge the ongoing participation and support of the Medical Services Branch of Health Canada for this project and publication.

DEFINITION OF STATUS INDIAN

Status Indians are one part of the broad group of First Nations people in British Columbia. There is considerable interest in the health status of First Nations people whether Status, Non-Status or Metis, but in most cases, relevant data exist only for Status Indians. In order to analyze the characteristics of any group or population, there needs to be a way to clearly define group membership and identify the events (births, deaths, hospitalizations, etc.) that occur in that group. The sources used in this report to identify Status Indian births and deaths were the British Columbia Vital Statistics Agency, the B.C. Medical Services Plan, and the Indian Status Verification file from the Medical Services Branch, Health Canada. Status Indians were the only First Nations group that could be identified with these files.

This report presents summaries of birth-related and mortality measures as health status indicators for the Status Indian population who were resident in the province, with comparisons to all other B.C. residents (labeled *All Others* in most tables, maps and charts). The major source of data were the British Columbia Vital Statistics Agency's statistical database (VS) of information extracted from the registration of births and deaths including demographic information, medical information related to the birth or cause of death, and whether the individual was a Status Indian. In addition, two other databases were used to identify Status Indians who were resident in the Province: the Indian Status Verification File (SVF) Medical Services Branch, Health Canada originating from files of the Department of Indian and Northern Development, and the B.C. Medical Services Plan (MSP). Using an extensive computer matching process, a birth or death in the VS database was considered to be a Status Indian event if the individual was identified as a Status Indian in any of the three sources.

Percentage of Status Indian Events (1991-1998) Identified by Source



Using a combination of VS, MSP and SVF files, 24,159 live births in the eight year period 1991-1998 were identified as Status Indian events (see Table 1). More than half (53.6%) of all births were identified by all three sources, another third (29.5%) were identified by two sources, and the remaining 17.0% were identified by only one of the three sources.

A total of 5,680 deaths were identified by VS, MSP, SVF, or a combination of these sources for the years 1991 through 1998 (see Table 2). More than a quarter (27.8%) were identified as Status Indian in all three data sources, two-fifths (38.0%) were identified in two, and the remaining third (34.2%) were identified by only one source.

By definition, every Status Indian newborn or decedent should be found in all three of these databases. When looking at the methodology for identifying a birth as 'Status Indian', there are reasonable explanations for the proportion which are found in only one or two of the databases. Status Indian parents need to apply for a 'Status' registration number for their child and apply for MSP coverage; therefore for births, the latest year will be less complete because there has been less time for reporting to the sources. For deaths, the individual may be in all three databases but under variations of their name which prevented a match being found. Over time, the proportion of events identified by the three sources has increased each year, while the events identified by only one source have decreased. This project and the cooperative effort between the three programs areas have contributed to these data improvements.

Since this report's definition of Status Indian is determined by a compilation of these three data sources, the data presented in this report may not match data reported by other sources. In addition, it is important to note that this definition is not equivalent to the broader terms such as Aboriginal or First Nations people.

Table 1
Number of Status Indian Live Births Identified by Source
British Columbia, 1991-1998

	Year of Birth								Total 1991-1998	
Source	1991	1992	1993	1994	1995	1996	1997	1998	Number	Pecent
VS only	142	122	173	218	245	270	334	360	1,864	7.7
MSP only	191	45	38	36	49	40	22	56	477	2.0
SVF only	360	366	268	184	120	105	118	253	1,774	7.3
MSP & SVF	1,136	1,188	1,127	522	403	384	336	218	5,314	22.0
VS & SVF	59	76	163	177	216	183	370	363	1,607	6.7
VS & MSP	16	12	4	18	17	35	41	40	183	0.8
VS, MSP & SVF	1,122	1,176	1,219	1,914	2,005	2,087	1,669	1,748	12,940	53.6
Total	**3,026**	**2,985**	**2,992**	**3,069**	**3,055**	**3,104**	**2,890**	**3,038**	**24,159**	**100.0**

Table 2
Number of Status Indian Deaths Identified by Source
British Columbia, 1991 - 1998

	Year of Death								Total 1991-1998	
Source	1991	1992	1993	1994	1995	1996	1997	1998	Number	Pecent
VS only	185	261	195	104	50	97	109	114	1115	19.6
MSP only	71	82	39	34	43	34	24	57	384	6.8
SVF only	29	27	45	83	97	34	53	77	445	7.8
MSP & SVF	29	31	197	222	240	189	190	142	1240	21.8
VS & SVF	5	22	30	20	19	29	38	51	214	3.8
VS & MSP	293	225	54	17	23	29	21	41	703	12.4
VS, MSP & SVF	72	97	192	190	179	260	307	282	1579	27.8
Total	**684**	**745**	**752**	**670**	**651**	**672**	**742**	**764**	**5,680**	**100.0**

Notes: **VS** indicates that the event was identified by the BC Vital Statistics Agency.
MSP indicates that the event was identified by the BC Medical Services Plan.
SVF indicates that the event was identified by the Indian Status Verification File.

STATUS INDIAN POPULATION ESTIMATES

The population estimates presented in this report were created by the British Columbia Vital Statistics Agency specifically for this project, based on the Status Indian Entitlement files from the B.C. Medical Services Plan (MSP). These files contain the age and usual residence of Status Indians who have registered to have their MSP premiums funded by the federal government. The MSP files were adjusted for births and deaths by cross-matching with historical annual files from the British Columbia Vital Statistics Agency. The resulting estimates of Status Indian residents by age and gender were reviewed by the Medical Services Branch, Health Canada.

Population estimation is a complex undertaking. Using the MSP administrative files as the basis for deriving population estimates has both strengths and weaknesses. On one hand, the addresses in the MSP files enable the project to produce regional population estimates which are not available elsewhere. On the other hand, since registration is voluntary, the files might not include Status Indians who are covered by a spouse's or employer's MSP coverage. Overall, the MSP database was considered to be the best available source for estimating the Status Indian population living in B.C. The Agency is working closely with Medical Services Branch of Health Canada to further develop the population estimation methodology. At this time, the latest population estimates presented in this report are intended for research purposes only.

Table 3 provides 1998 population estimates by age and gender for Status Indians and all other B.C. residents, while Table 3a provides similar information for 1998 for the Status Indian populations in each of the four administrative areas. Provincial and regional population estimates for individual years, 1991 to 1997, are presented in Appendix 1 and 1a, respectively. In order to assist researchers who wish to calculate other rates, Appendix 1 and 1a also include a table of population aggregates for the eight-year period.

The major highlights of the population estimates are summarized below:

- In 1998, one in 30 B.C. residents was a Status Indian. The population of Status Indians in the province was estimated at 132,081, or 3.3 % of the provincial population. The Status Indian population grew at a compound growth rate of 3.1% annually since 1991. In comparison, all other B.C. residents (the population who are not Status Indian) grew at 2.5% over the same period.

Population	1998 Population	Pop. Growth 1991-1998
Status Indian Population	132,081	3.1%
South Mainland Area	59,488	3.6%
Vancouver Island Area	28,631	2.9%
North West Area	17,993	1.7%
North East Area	25,606	3.0%
All Other B.C. Residents	3,877,841	2.5%

- The largest and fastest growing Status Indian population was in the South Mainland area. The Status Indian population in the North East area was the smallest and slowest growing.

- In 1998, there were 48,569 Status Indian children and youth under 20 years of age in the province. More than one-third (36.8%) of the Status Indian population and one quarter (25.1%) of all other B.C. residents were in this young age group. Although overall Status Indians made up 3.3 % of the provincial population, they comprised 5.8% of the B.C. population under age 20 due to the higher birth rate among Status Indians in recent decades.

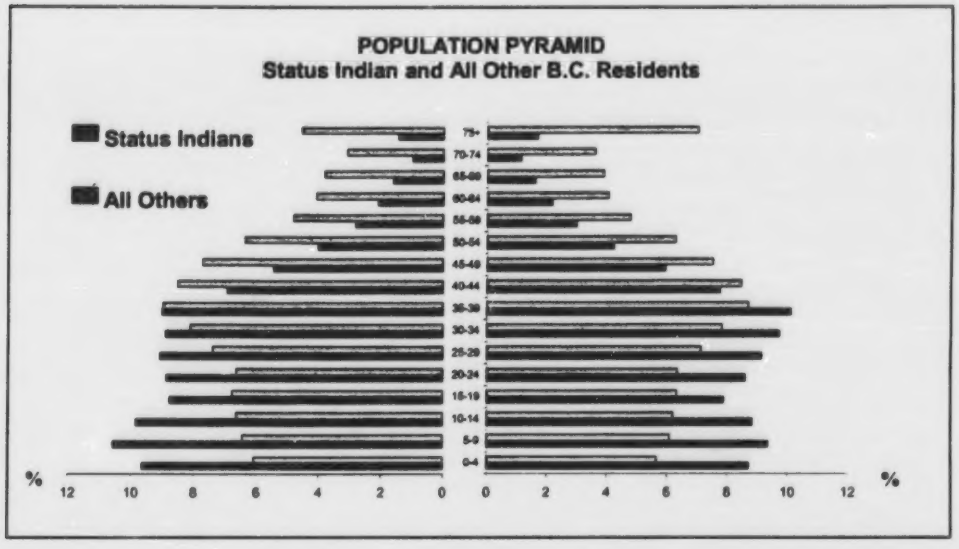
Table 3
1998 Population Estimates by Age and Gender
Status Indian and All Other B.C. Residents

Age Group	Status Indians in B.C.			All Other B.C. Residents			Status Indian % of Total BC Population		
(Years)	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,548	1,511	3,059	22,206	20,735	42,941	6.5	6.8	6.7
1 - 4	4,684	4,372	9,056	95,097	89,625	184,722	4.7	4.7	4.7
5 - 9	6,832	6,314	13,146	124,231	119,009	243,240	5.2	5.0	5.1
10-14	6,358	5,966	12,324	128,213	121,175	249,388	4.7	4.7	4.7
15-19	5,665	5,319	10,984	130,997	123,401	254,398	4.1	4.1	4.1
20-24	5,733	5,810	11,543	128,228	123,924	252,152	4.3	4.5	4.4
25-29	5,868	6,177	12,045	142,770	139,134	281,904	3.9	4.3	4.1
30-34	5,748	6,567	12,315	156,386	152,674	309,060	3.5	4.1	3.8
35-39	5,815	6,826	12,641	172,939	169,779	342,718	3.3	3.9	3.6
40-44	4,479	5,236	9,715	164,115	165,089	329,204	2.7	3.1	2.9
45-49	3,527	4,012	7,539	148,998	146,708	295,706	2.3	2.7	2.5
50-54	2,605	2,852	5,457	123,111	122,468	245,579	2.1	2.3	2.2
55-59	1,825	2,016	3,841	92,804	93,167	185,971	1.9	2.1	2.0
60-64	1,357	1,461	2,818	78,657	78,619	157,276	1.7	1.8	1.8
65-69	1,044	1,084	2,128	73,765	75,532	149,297	1.4	1.4	1.4
70-74	638	759	1,397	59,709	70,190	129,899	1.1	1.1	1.1
75+	941	1,132	2,073	87,743	136,643	224,386	1.1	0.8	0.9
Total	**64,667**	**67,414**	**132,081**	**1,929,969**	**1,947,872**	**3,877,841**	**3.2**	**3.3**	**3.3**

Table 3a
1998 Population Estimates by Age and Gender
for Status Indian Populations in the Four Administrative Areas

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	726	746	1,472	334	331	665	163	160	323	325	274	599
1 - 4	1,967	1,807	3,774	1,103	1,071	2,174	627	627	1,254	987	865	1,852
5 - 9	2,914	2,653	5,567	1,570	1,457	3,027	974	873	1,847	1,370	1,327	2,697
10-14	2,724	2,617	5,341	1,443	1,306	2,749	872	848	1,720	1,317	1,195	2,512
15-19	2,461	2,285	4,746	1,286	1,227	2,513	778	667	1,445	1,138	1,136	2,274
20-24	2,479	2,572	5,051	1,300	1,319	2,619	792	711	1,503	1,158	1,205	2,363
25-29	2,675	2,791	5,466	1,281	1,360	2,641	763	800	1,563	1,149	1,225	2,374
30-34	2,816	3,004	5,820	1,130	1,404	2,534	700	860	1,560	1,102	1,298	2,400
35-39	2,786	3,273	6,059	1,130	1,488	2,618	809	913	1,722	1,088	1,152	2,240
40-44	2,130	2,434	4,564	873	1,179	2,052	640	705	1,345	829	903	1,732
45-49	1,639	1,869	3,508	772	829	1,601	456	562	1,018	622	698	1,320
50-54	1,221	1,368	2,589	520	563	1,083	381	402	783	435	470	905
55-59	858	948	1,806	337	402	739	262	279	541	341	365	706
60-64	606	702	1,310	276	288	564	220	221	441	228	238	466
65-69	462	513	975	193	222	415	170	142	312	209	203	412
70-74	261	340	601	117	130	247	107	134	241	145	148	293
75+	370	469	839	157	233	390	186	189	375	223	238	461
Total	**29,097**	**30,391**	**59,488**	**13,822**	**14,809**	**28,631**	**8,900**	**9,093**	**17,993**	**12,666**	**12,940**	**25,606**

- In 1998, almost one in five (19.1%) Status Indians was over 44 years of age and less than one in twenty (4.2%) was 65 or older. For other B.C. residents, the proportions were 35.8% and 13.0%, respectively.
- The Status Indian population is younger than other B.C. residents. Comparing the average age of the two populations in 1998, the B.C. Status Indian population was 28.3 years old, which was more than 8 years younger than the average age of 36.8 years for other B.C. residents.
- A graphical comparison of these age distributions can be seen in the *population pyramids* which show the percentage of the population in each five-year age group, with males shown on the left and females on the right. For Status Indians, the population pyramid is roughly triangular in shape, with a wide base indicating high birth rates and population growth. The pyramid for all other B.C. residents (labeled *All Others*) is characterized by the baby boomer bulge in the middle age groups, and a narrowing base resulting from declining birth rates in the last 25 years.



- A dependency ratio is one measure commonly used to compare different age distributions. A dependency ratio is a theoretical estimate of the number of dependents (defined as children under 15 and the older group 65 or older) supported by each person in the 'working age' population (defined as between the ages of 15 and 64). It is calculated in the following way:

$$\text{dependency ratio} = \frac{\text{population under 15} + \text{population over 64}}{\text{population between 15 and 65}}$$

- The 1998 dependency ratio for Status Indians was 0.48 compared to 0.46 for all other B.C. residents. Although these appear similar, the number of children and seniors for every 100 people in the 'working age' population (15 to 64 years) varied greatly. In the Status Indian population, there were approximately 42 children (under age 15) and 6 seniors (over age 64) for every 100 people in the 'working age' population. Among all other residents of the province there were 27 children and 19 seniors per 100 people in the 'working age' population.

Overview of Birth Statistics

This section examines the birth-related statistics for Status Indians and all other B.C. residents, as well as noting major findings for the South Mainland, Vancouver Island, North West and North East administrative areas used by Medical Services Branch, Health Canada. The birth-related statistics include live births by gender, low birth weight, premature, cesarean section, teenage mothers, elderly gravida, and stillbirths, and are presented at the provincial level in Table 4 and by areas in Tables 4a to 4d. Causes of stillbirth are presented for Status Indians and all other B.C. in Tables 7 to 7d (in the infant mortality section). This birth section concludes with an overview of age specific and total fertility rates, shown in Tables 5 to 5d.

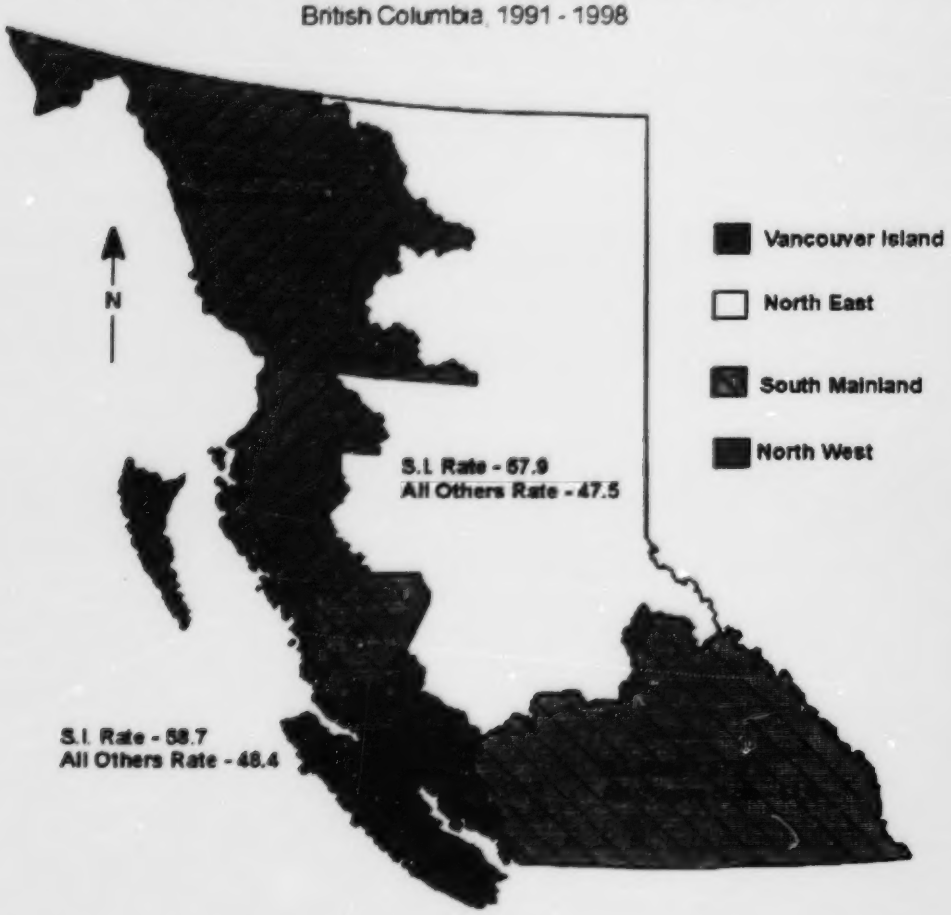
Live Births

- Over the period 1991 to 1998, one out of every 15 babies born in the province was Status Indian. There were 24,159 Status Indian live births over the eight year period: 12,467 males and 11,691 females. The Status Indian live birth rate for 1991-1998 was 25.1 per 1,000 Status Indian population, more than twice the rate of 11.8 per 1,000 of all other B.C. residents. The Status Indian live birth rates decreased each year from 1991 until 1997, and increased slightly in 1998, while the birth rate of all other B.C. residents decreased in each of the eight years.

- In the eight year period, nearly one half of the Status Indian babies were born in the South Mainland area (11,085 Status Indian births). The Vancouver Island area (5,312) and the North East area (4,834) each had almost one fifth of Status Indian births and over one tenth were born in the North West area (2,814).
- The North West area had the highest proportion of births which were Status Indian: one out of every three births was Status Indian. The South Mainland area had the lowest proportion where one out of every twenty four births was a Status Indian child.
- In all area populations, both Status Indian and other residents, the birth rates decreased over the eight years.

Status Indian: Low Birth Weight Rate, by Area

British Columbia, 1991 - 1998



Note: S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
Rates for Low Birth Weight are per 1,000 live births
Low Birth Weight Rate - <2,500 grams

Low Birth Weight Births

- There were 1,355 Status Indian live births with low birth weight (less than 2,500 grams) in 1991-1998. This resulted in a Status Indian low birth weight rate of 56.1 per 1,000 Status Indian live births, which was slightly higher than the LBW rate of 50.0 for all other B.C. residents. The Status Indian population accounted for approximately one out of every 14 low birth weight births in the province in the eight years. While low birth weight rates of all other B.C. residents tended to increase on average over the eight-year period, the Status Indian low birth weight rates showed a slight decreasing trend.

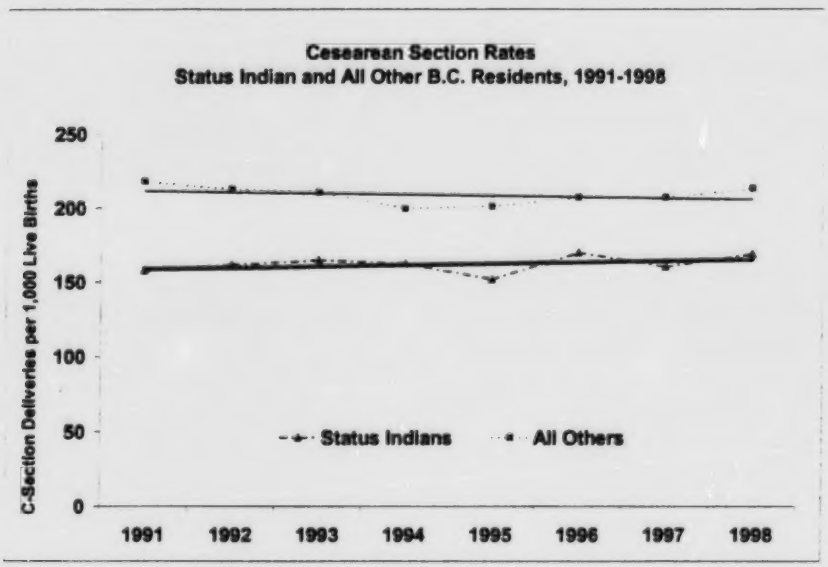
- The lowest LBW rate (1991-1998) was in the North West Status Indian population (40.9). The rates for Status Indian populations in other areas ranged between 57.7 and 58.7. For the rest of the population of the four areas, the LBW rate ranged between 46.4 and 51.0.

Premature Births

- Status Indians had 2,143 premature live births (gestational age less than 37 weeks) in 1991-1998. The Status Indian premature birth rate was 88.7 per 1,000 Status Indian live births, which was almost one and a half times the rate of 60.7 for all other B.C. residents One out of every 11 premature live births in B.C. in the eight years was a Status Indian baby. The premature birth rate varied over the eight-year period in both the provincial Status Indian population and all other B.C. residents.
- The 1991-1998 Status Indian premature birth rates were higher than the rates for other residents in all four administrative areas of B.C. The Vancouver Island area Status Indian premature birth rate of 106.9 was almost twice as high as the rate for other residents in the area (58.3), which was the greatest difference. The North West area had the lowest Status Indian premature rate (75.3) and smallest difference from the rate for other area residents (63.2).

BIRTHS BY CESAREAN SECTION

- In 1991-1998, a total of 3,930 Status Indian live births were delivered by cesarean section. The Status Indian cesarean section rate of 162.7 per 1,000 Status Indian live births was 20% lower than the rate for all other B.C. residents (209.0). Approximately one out of every 19 live births delivered by cesarean section was a Status Indian. Cesarean section rates for both groups, Status Indian and all other B.C. residents, varied over the eight-year period.



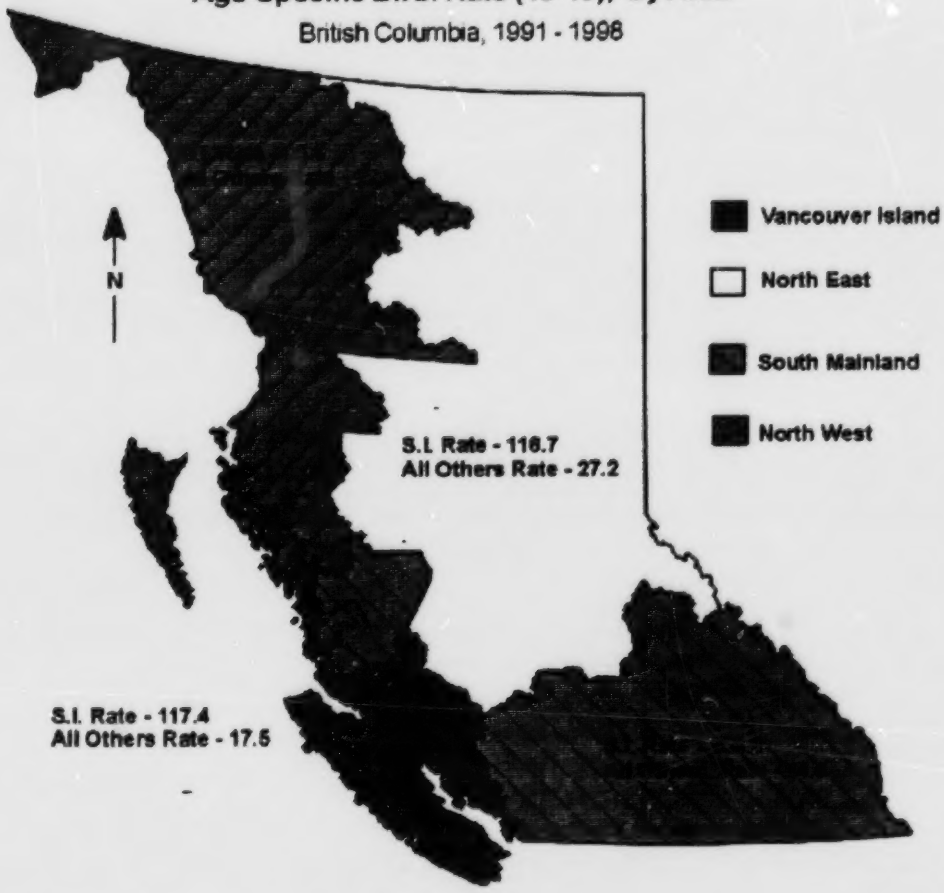
- In the 1991 to 1998 period, one out of thirty cesarean births in the South Mainland area was a Status Indian. The highest proportion was in North West area where almost one out of three cesarean births was a Status Indian.
- In all four areas, the Status Indian cesarean section rates were lower than the rates for all other area residents. The Vancouver Island area Status Indian cesarean section rate of 154.6 was the lowest of all areas and the North West area had the highest (167.7). The cesarean rates for the all other area residents ranged between 205.8 and 222.9.

BIRTHS TO TEENAGE MOTHERS

- From 1991 to 1998, one out of every four teenage mothers in the province was a Status Indian. There were 4,691 live births to Status Indian women under the age of twenty years old in this period of time (see Table 4). The Status Indian live birth rate for teenage mothers was 194.2 per 1,000 live births, more than four and a half times the rate for all other B.C. residents (42.9). The teenage mother rates for both populations showed downward trends over the eight year period.

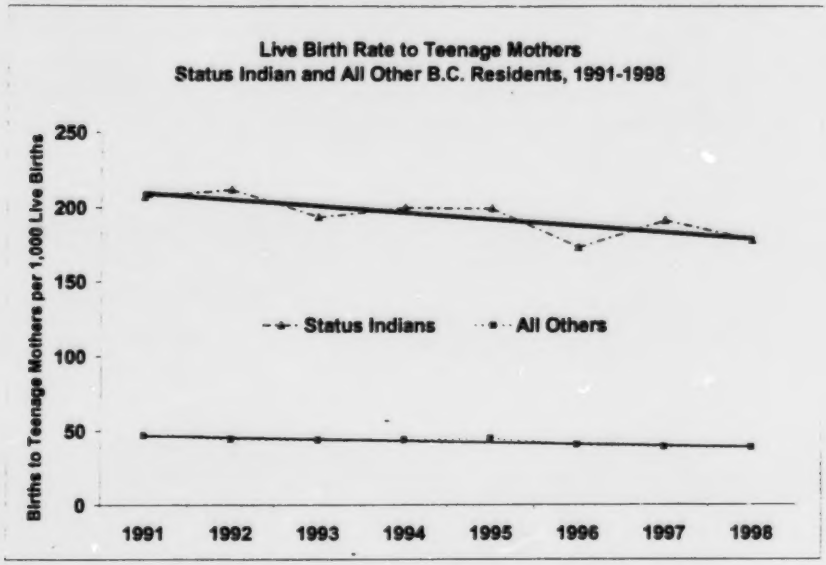
Status Indian: Teenage Mother, Age-Specific Birth Rate (15-19), by Area

British Columbia, 1991 - 1998



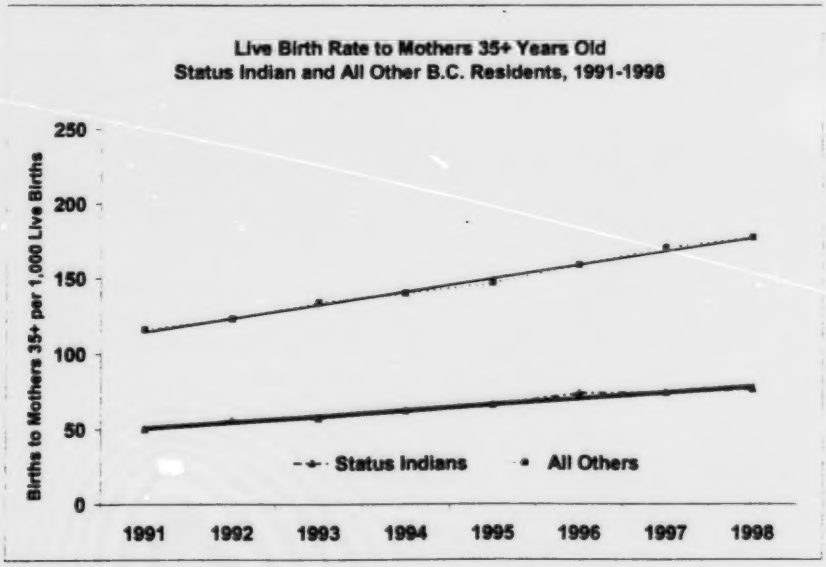
Note. S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
Age Specific Fertility Rates - Number of births per 1,000 women in specified age group in the area

- The highest 1991-1998 live birth rate for Status Indian teenage mothers was in the Vancouver Island area (221.2) and the lowest was in the South Mainland area (169.2). South Mainland also had the lowest teenage mother rate (37.2) for other residents of the four areas, and the highest was in the North East area (75.7).



BIRTHS TO OLDER MOTHERS

- There were a total of 1,563 babies born to Status Indian women aged thirty-five years or older in 1991-1998, for an elderly gravida rate of 64.7 per 1,000 live births in the Status Indian population. This rate was less than half the elderly gravida rate in all other B.C. residents (145.4). The rate of live births to women 35 or older showed a large increase each year from 1991 to 1998 in both populations.



- In the North East area, the 1991-1998 elderly gravida rates of 42.8 for Status Indians and 87.5 for other area residents were the lowest of four areas. The South Mainland

area had the highest rates for both population groups: 76.5 for Status Indians and 154.3 for all other area residents.

STILLBIRTHS

- In 1991-1998, there were 175 Status Indian stillbirths for a rate of 7.2 per 1,000 total births (live births plus stillbirths) in the Status Indian population. The Status Indian stillbirth rate was slightly higher than the rate for all other B.C. residents (6.7) for the eight-year period. There was considerable variation in the stillbirth rates from year to year in both populations.
- In two areas of the province, North West and North East areas, the Status Indian 1991-1998 stillbirth rates were approximately 30% and 20%, respectively, lower than the stillbirth rates for other area residents. The Vancouver Island area had the highest Status Indian stillbirth rate (7.1) and the lowest rate of the four areas for other residents (5.5).
- Perinatal complications were the most common cause of stillbirth in both the Status Indian and all other B.C. residents populations, accounting for 9 out of 10 stillbirths in the Status Indian population (see Table 7).
- More than a third of all B.C. stillbirths in the eight-year period in both populations were due to complications of the placenta, cord, and membranes.
- The 1991-1998 rate of Status Indian stillbirths due to congenital anomalies, 6.6 per 1,000 total births, was less than half of the rate of 14.7 seen among other B.C. residents. However, this finding should be interpreted with caution, since the number of Status Indian stillbirths due to congenital anomalies was very small.

LIVE BIRTH FERTILITY RATES

- For births in the eight-year period 1991-1998, Status Indian mothers tended to be younger than B.C. mothers in general. For both provincial and area populations, mothers aged 20-24 made up the largest group among Status Indian live births, while for other residents, the 25-29 age group was the largest. Roughly three quarters of the Status Indian live births in 1991-1998 were to mothers 15-30 years old. In comparison, young mothers accounted for about half of the live births to other B.C. residents. (Please note: Table 5 excludes births to mothers under the age of 15 as well as birth to mothers aged 45 or more.)
- Comparing four areas of B.C. in the 1991 to 1998 period, the North East area had the youngest mothers. In that area, about four fifths of Status Indian live births and two thirds of births to other area residents were to mothers 15-30 years of age.
- An Age Specific Fertility Rate (ASFR) is the number of live births per 1,000 women in a specific age group. The Status Indian ASFR for 1991-1998 for the teenage and 20-24 age groups were substantially higher than ASFR for other B.C. residents in the age groups. There were 108.7 Status Indian live births per 1,000 female population in the 15-19 age group in 1991-1998, which was almost seven times the rate for other teenage women in B.C. (16.3). The highest Status Indian ASFR for the 15-19 age group was in the Vancouver Island area (117.4), and the lowest was in the North West area (95.9), while the rates for other residents in the four areas ranges from 14.5 to

27.2. In the 20-24 age group, the Status Indian ASFR (170.7) was almost three times the rate for other B.C. women in the age group (63.2). The North East area had the highest rates for both populations (182.2 for Status Indians and 109.1 for other residents).

- In the age groups over 24 years of age, the ASFRs for the Status Indian populations were approximately 20% above to 10% below those of other B.C. residents in the age group. This pattern was repeated in each of the four administrative areas.
- The Total Fertility Rate (TFR) indicates the total number of births a group of 1,000 women would have in their lifetime if their fertility in each of their reproductive years (age 15 to 44) matched the age specific fertility rates of women in each age group in the specified calendar year. The TFR for the Status Indian population for 1991-1998 was 2,566 live births per 1,000 women, which was about two thirds higher than all other B.C. residents rate of 1,534. The TFR for all other B.C. residents showed a steady decrease over the eight year period, which was not seen in the Status Indian population.
- Regionally, the highest Total Fertility Rate for a Status Indian population was in the South Mainland area (2,652) and the lowest was in the North West area (2,203). For other populations in the four areas, the highest TFR was in the North West area (1,830) and the lowest was in the Vancouver Island area (1,471).

Table 4

Birth-Related Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in B.C.

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	1,587		1,539		1,535		1,569		1,585		1,611		1,502		1,539		12,467		
	Female	1,439		1,446		1,457		1,499		1,470		1,493		1,388		1,499		11,691		
	Total	3,026	28.3	2,985	27.2	2,992	26.2	3,069	25.6	3,055	24.6	3,104	24.4	2,890	22.3	3,038	23.0	24,159	25.1	2.1
Low Birth Weight[2]	<2,500 grams	177	58.5	171	57.3	167	55.8	166	54.1	184	60.2	173	55.7	159	55.0	158	52.0	1,355	56.1	1.1
Premature[2]	<37 wks gestation	265	87.6	257	86.1	268	89.6	261	85.0	286	93.6	293	94.4	252	87.2	261	85.9	2,143	88.7	1.5
Cesarean Section[2]		478	158.0	484	162.1	494	165.1	500	162.9	465	152.2	529	170.4	465	160.9	515	169.5	3,930	162.7	0.8
Teenage Mother[2]	<20 years old	627	207.2	633	212.1	579	193.5	613	199.7	609	199.3	537	173.0	553	191.3	540	177.7	4,691	194.2	4.5
Elderly Gravida[2]	35 years or older	152	50.2	167	55.9	172	57.5	192	62.6	203	66.4	229	73.8	215	74.4	233	76.7	1,563	64.7	0.4
Stillbirths[3]:		19	6.2	30	10.0	17	5.6	19	6.2	24	7.8	20	6.4	23	7.9	23	7.5	175	7.2	1.1

All Other B.C.Residents

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	21,666		22,000		22,068		22,611		22,544		22,097		21,203		20,373		174,562		
	Female	20,633		21,021		20,871		21,156		21,099		20,757		20,297		19,503		165,337		
	Total	42,301	13.0	43,021	12.8	42,939	12.4	43,768	12.3	43,644	11.9	42,854	11.4	41,502	10.8	39,877	10.3	339,906	11.8	2.1
Low Birth Weight[2]	<2,500 grams	2,008	47.5	2,038	47.4	2,134	49.7	2,201	50.3	2,272	52.1	2,181	50.9	2,163	52.1	1,994	50.0	16,991	50.0	1.1
Premature[2]	<37 wks gestation	2,472	58.4	2,542	59.1	2,499	58.2	2,576	58.9	2,752	63.1	2,696	62.9	2,628	63.3	2,467	61.9	20,632	60.7	1.5
Cesarean Section[2]		9,229	218.2	9,158	212.9	9,063	211.1	8,759	200.1	8,801	201.7	8,899	207.7	8,615	207.6	8,523	213.7	71,047	209.0	0.8
Teenage Mother[2]	<20 years old	1,990	47.0	1,910	44.4	1,887	43.9	1,919	43.8	1,959	44.9	1,746	40.7	1,628	39.2	1,545	38.7	14,584	42.9	4.5
Elderly Gravida[2]	35 years or older	4,913	116.1	5,296	123.1	5,735	133.6	6,135	140.2	6,424	147.2	6,804	158.8	7,061	170.1	7,060	177.0	49,428	145.4	0.4
Stillbirths[3]:		289	6.8	269	6.2	269	6.2	293	6.6	326	7.4	272	6.3	313	7.5	255	6.4	2,286	6.7	1.1

Notes: [1] Live Birth Rates are per 1,000 population.

[2] Rates for Low Birth Weight, Premature, Cesarean Section, Teenage Mother, and Elderly Gravida are per 1,000 live births.

[3] Stillbirth rates are per 1,000 total births (live births plus stillbirths).

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

This table includes live births and stillbirths with gender unknown.

Table 4a

Birth-Related Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in South Mainland

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	694		706		695		745		733		726		692		721		5,712		
	Female	623		650		692		693		669		676		631		739		5,373		
	Total	1,317	28.4	1,356	28.4	1,387	27.6	1,438	26.9	1,402	25.2	1,402	24.6	1,323	22.7	1,460	24.5	11,085	25.9	2.2
Low Birth Weight[2]	<2,500 grams	74	56.2	91	67.1	69	49.7	83	57.7	84	59.9	87	62.1	68	51.4	84	57.5	640	57.7	1.1
Premature[2]	<37 wks gestation	111	84.3	120	88.5	117	84.4	124	86.2	140	99.9	128	91.3	104	78.6	120	82.2	964	87.0	1.4
Cesarean Section[2]		217	164.8	221	163.0	231	166.5	243	169.0	225	160.5	247	176.2	191	144.4	239	163.7	1,814	163.6	0.8
Teenage Mother[2]	<20 years old	248	188.3	266	196.2	242	174.5	246	171.1	230	164.1	213	151.9	210	158.7	221	151.4	1,876	169.2	4.5
Elderly Gravida[2]	35 years or older	83	63.0	83	61.2	96	69.2	105	73.0	107	76.3	120	85.6	116	87.7	138	94.5	848	76.5	0.5
Stillbirths[3]:		8	6.0	9	6.6	4	2.9	8	5.5	14	9.9	10	7.1	11	8.2	11	7.5	75	6.7	1.1

All Other Residents in South Mainland

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	15,842		16,309		16,390		16,718		16,970		16,700		16,006		15,542		130,477		
	Female	15,144		15,555		15,411		15,699		15,864		15,511		15,241		14,855		123,280		
	Total	30,986	13.0	31,864	13.0	31,801	12.6	32,418	12.4	32,834	12.2	32,211	11.6	31,249	11.1	30,398	10.6	253,761	12.0	2.2
Low Birth Weight[2]	<2,500 grams	1,461	47.2	1,527	47.9	1,593	50.1	1,638	50.5	1,768	53.8	1,693	52.6	1,680	53.8	1,577	51.9	12,937	51.0	1.1
Premature[2]	<37 wks gestation	1,822	58.8	1,891	59.3	1,915	60.2	1,906	58.8	2,114	64.4	2,039	63.3	2,012	64.4	1,931	63.5	15,630	61.6	1.4
Cesarean Section[2]		6,830	220.4	6,741	211.6	6,646	209.0	6,416	197.9	6,491	197.7	6,479	201.1	6,339	202.9	6,280	206.6	52,222	205.8	0.8
Teenage Mother[2]	<20 years old	1,264	40.8	1,220	38.3	1,247	39.2	1,195	36.9	1,280	39.0	1,156	35.9	1,046	33.5	1,039	34.2	9,447	37.2	4.5
Elderly Gravida[2]	35 years or older	3,901	125.9	4,097	128.6	4,493	141.3	4,847	149.5	5,083	154.8	5,410	168.0	5,593	179.0	5,725	188.3	39,149	154.3	0.5
Stillbirths[3]:		181	5.8	100	3.1	204	6.4	221	6.8	240	7.3	192	5.9	240	7.6	206	6.7	1,584	6.2	1.1

Notes: [1] Live Birth Rates are per 1,000 population.

[2] Rates for Low Birth Weight, Premature, Cesarean Section, Teenage Mother, and Elderly Gravida are per 1,000 live births.

[3] Stillbirth rates are per 1,000 total births (live births plus stillbirths).

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

This table includes live births and stillbirths with gender unknown, but excludes cases where usual residence is unknown.

Table 4b

Birth-Related Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in Vancouver Island

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	353		337		343		312		348		356		312		332		2,693		
	Female	332		315		306		334		335		353		316		327		2,618		
	Total	685	29.3	652	27.1	649	26.1	647	25.0	683	25.4	709	25.8	628	22.4	659	23.0	5,312	25.4	2
Low Birth Weight[2]	<2,500 grams	44	64.2	40	61.3	35	53.9	36	55.6	50	73.2	40	56.4	36	57.3	31	47.0	312	58.7	1
Premature[2]	<37 wks gestation	68	99.3	69	105.8	70	107.9	59	91.2	72	105.4	90	126.9	69	109.9	71	107.7	568	106.9	1
Cesarean Section[2]		104	151.8	105	161.0	97	149.5	98	151.5	90	131.8	113	159.4	101	160.8	113	171.5	821	154.6	0
Teenage Mother[2]	<20 years old	148	216.1	156	239.3	126	194.1	156	241.1	156	228.4	145	204.5	145	230.9	143	217.0	1,175	221.2	4.3
Elderly Gravida[2]	35 years or older	34	49.6	39	59.8	33	50.8	37	57.2	47	68.8	54	76.2	49	78.0	47	71.3	340	64.0	0.5
Stillbirths[3]:		4	5.8	-	-	9	13.7	4	6.1	5	7.3	6	8.4	3	4.8	7	10.5	38	7.1	1.3

All Other Residents in Vancouver Island

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	3,596		3,579		3,558		3,595		3,447		3,272		3,128		2,951		27,126		
	Female	3,367		3,341		3,302		3,356		3,199		3,184		3,102		2,862		25,713		
	Total	6,964	11.6	6,920	11.3	6,860	10.8	6,951	10.7	6,647	10.0	6,456	9.6	6,230	9.1	5,813	8.4	52,841	10.1	2.5
Low Birth Weight[2]	<2,500 grams	326	46.8	316	45.7	322	46.9	345	49.6	313	47.1	296	45.8	288	46.2	246	42.3	2,452	46.4	1.3
Premature[2]	<37 wks gestation	398	57.2	405	58.5	350	51.0	416	59.8	400	60.2	407	63.0	360	57.8	342	58.8	3,078	58.3	1.8
Cesarean Section[2]		1,538	220.9	1,560	225.4	1,466	213.7	1,448	208.3	1,415	212.9	1,544	239.2	1,384	222.2	1,423	244.8	11,778	222.9	0.7
Teenage Mother[2]	<20 years old	370	53.1	357	51.6	326	47.5	391	56.3	353	53.1	328	50.8	320	51.4	277	47.7	2,722	51.5	4.3
Elderly Gravida[2]	35 years or older	729	104.7	857	123.8	887	129.3	906	130.3	943	141.9	994	154.0	1,012	162.4	964	165.8	7,292	138.0	0.5
Stillbirths[3]:		50	7.1	26	3.7	32	4.6	30	4.3	47	7.0	50	7.7	31	5.0	26	4.5	292	5.5	1.3

Notes: [1] Live Birth Rates are per 1,000 population.

[2] Rates for Low Birth Weight, Premature, Cesarean Section, Teenage Mother, and Elderly Gravida are per 1,000 live births.

[3] Stillbirth rates are per 1,000 total births (live births plus stillbirths).

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

This table includes live births and stillbirths with gender unknown, but excludes cases where usual residence is unknown.

Table 4c

Birth-Related Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in North West

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	204		205		173		195		169		190		178		160		1,474		
	Female	166		185		164		183		152		170		162		158		1,340		
	Total	370	23.1	390	23.9	337	20.2	378	22.3	321	18.6	360	20.4	340	19.0	318	17.7	2,814	20.6	1.5
Low Birth Weight[2]	<2,500 grams	10	27.0	8	20.5	20	59.3	14	37.0	17	53.0	16	44.4	18	52.9	12	37.7	115	40.9	0.8
Premature[2]	<37 wks gestation	31	83.8	18	46.2	32	95.0	23	60.8	29	90.3	29	80.6	25	73.5	25	78.6	212	75.3	1.2
Cesarean Section[2]		54	145.9	74	189.7	56	166.2	57	150.8	52	162.0	55	152.8	67	197.1	57	179.2	472	167.7	0.8
Teenage Mother[2]	<20 years old	83	224.3	79	202.6	70	207.7	62	164.0	63	196.3	63	175.0	74	217.6	64	201.3	558	198.3	3.4
Elderly Gravida[2]	35 years or older	11	29.7	26	66.7	22	65.3	21	55.6	22	68.5	21	58.3	20	58.8	19	59.7	162	57.6	0.6
Stillbirths[3]:		1	2.7	1	2.6	1	3.0	3	7.9	-	-	1	2.8	3	8.7	5	15.5	15	5.3	0.7

All Other Residents in North West

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	381		374		332		366		348		326		294		275		2,696		
	Female	362		360		319		338		300		333		280		231		2,523		
	Total	743	15.4	734	15.3	651	13.6	704	14.7	648	13.4	659	13.5	574	11.6	506	10.4	5,219	13.5	1.5
Low Birth Weight[2]	<2,500 grams	45	60.6	32	43.6	34	52.2	41	58.2	27	41.7	37	56.1	26	45.3	24	47.4	266	51.0	0.8
Premature[2]	<37 wks gestation	51	68.6	47	64.0	37	56.8	42	59.7	37	57.1	48	72.8	40	69.7	28	55.3	330	63.2	1.2
Cesarean Section[2]		175	235.5	168	228.9	144	221.2	157	223.0	138	213.0	130	197.3	106	184.7	115	227.3	1,133	217.1	0.8
Teenage Mother[2]	<20 years old	42	56.5	49	66.8	35	53.8	58	82.4	36	55.6	33	50.1	31	54.0	18	35.6	302	57.9	3.4
Elderly Gravida[2]	35 years or older	51	68.6	54	73.6	58	89.1	75	106.5	74	114.2	73	110.8	84	146.3	48	94.9	517	99.1	0.6
Stillbirths[3]:		9	12.0	1	1.4	6	9.1	6	8.5	5	7.7	4	6.0	4	6.9	4	7.8	39	7.4	0.7

Notes: [1] Live Birth Rates are per 1,000 population.

[2] Rates for Low Birth Weight, Premature, Cesarean Section, Teenage Mother, and Elderly Gravida are per 1,000 live births.

[3] Stillbirth rates are per 1,000 total births (live births plus stillbirths).

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

This table includes live births and stillbirths with gender unknown, but excludes cases where usual residence is unknown.

Table 4d

Birth-Related Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in North East

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	333		286		315		307		321		327		310		326		2,525		
	Female	317		286		284		283		308		288		269		274		2,309		
	Total	650	31.1	572	26.8	599	27.1	590	25.6	629	26.2	615	24.9	579	23.0	600	23.4	4,834	25.9	1.9
Low Birth Weight[2]	<2,500 grams	48	73.8	30	52.4	43	71.8	30	50.8	31	49.3	30	48.8	37	63.9	31	51.7	280	57.9	1.2
Premature[2]	<37 wks gestation	54	83.1	48	83.9	44	73.5	51	86.4	42	66.8	46	74.8	52	89.8	45	75.0	382	79.0	1.4
Cesarean Section[2]		103	158.5	80	139.9	109	182.0	99	167.8	97	154.2	111	180.5	101	174.4	105	175.0	805	166.5	0.8
Teenage Mother[2]	<20 years old	147	226.2	131	229.0	138	230.4	146	247.5	155	246.4	114	185.4	124	214.2	112	186.7	1,067	220.7	2.9
Elderly Gravida[2]	35 years or older	24	36.9	18	31.5	21	35.1	28	47.5	25	39.7	34	55.3	28	48.4	29	48.3	207	42.8	0.5
Stillbirths[3]:		5	7.6	3	5.2	3	5.0	4	6.7	5	7.9	3	4.9	6	10.3	-	-	29	6.0	0.8

All Other Residents in North East

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Live Births[1]:	Male	1,825		1,723		1,747		1,868		1,725		1,753		1,747		1,604		13,992		
	Female	1,742		1,755		1,775		1,711		1,690		1,688		1,648		1,553		13,562		
	Total	3,568	14.9	3,478	14.4	3,522	14.3	3,579	14.3	3,415	13.3	3,441	13.1	3,395	12.6	3,157	11.6	27,555	13.5	1.9
Low Birth Weight[2]	<2,500 grams	174	48.8	160	46.0	179	50.8	176	49.2	157	46.0	150	43.6	165	48.6	147	46.6	1,308	47.5	1.2
Premature[2]	<37 wks gestation	199	55.8	199	57.2	189	53.7	207	57.8	195	57.1	198	57.5	212	62.4	166	52.6	1,565	56.8	1.4
Cesarean Section[2]		681	190.9	683	196.4	785	222.9	729	203.7	740	216.7	729	211.9	779	229.5	705	223.3	5,831	211.6	0.8
Teenage Mother[2]	<20 years old	310	86.9	284	81.7	274	77.8	270	75.4	283	82.9	226	65.7	228	67.2	211	66.8	2,086	75.7	2.9
Elderly Gravida[2]	35 years or older	229	64.2	287	82.5	284	80.6	296	82.7	312	91.4	320	93.0	361	106.3	323	102.3	2,412	87.5	0.5
Stillbirths[3]:		24	6.7	11	3.2	26	7.3	34	9.4	31	9.0	24	6.9	33	9.6	19	6.0	202	7.3	0.8

Notes: [1] Live Birth Rates are per 1,000 population.

[2] Rates for Low Birth Weight, Premature, Cesarean Section, Teenage Mother, and Elderly Gravida are per 1,000 live births.

[3] Stillbirth rates are per 1,000 total births (live births plus stillbirths).

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

This table includes live births and stillbirths with gender unknown, but excludes cases where usual residence is unknown.

Table 5

Live Birth Age-Specific and Total Fertility Rates

British Columbia, 1991 - 1998

Status Indians in B.C.																			
Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	609	116.4	622	120.7	564	106.3	596	113.1	595	112.4	528	100.1	538	102.1	525	98.7	4,577	108.7	6.7
20-24	1,013	179.9	987	173.3	1,014	179.2	985	168.4	1,003	171.0	988	168.5	926	160.9	956	164.5	7,872	170.7	2.7
25-29	807	125.4	762	121.1	771	125.3	759	123.1	779	126.3	803	129.5	730	115.9	777	125.8	6,188	124.0	1.2
30-34	423	75.4	427	72.9	456	70.6	520	77.1	461	66.1	546	78.7	466	68.6	530	80.7	3,829	73.7	0.9
35-39	132	28.4	151	30.5	141	28.2	167	31.0	170	29.6	184	30.7	186	29.7	195	28.6	1,326	29.6	0.9
40-44	18	5.7	16	4.7	29	7.5	24	5.7	30	6.6	43	8.7	27	5.1	37	7.1	224	6.5	1.2
TFR		2,656		2,616		2,586		2,592		2,560		2,581		2,412		2,527		2,566	1.7

All Other B.C. Residents																			
Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	1,972	19.5	1,892	18.6	1,869	18.0	1,904	17.7	1,937	17.3	1,737	14.8	1,615	13.3	1,530	12.4	14,456	16.3	6.7
20-24	8,016	72.1	8,048	70.2	7,962	67.7	7,974	67.1	7,683	64.5	7,265	59.4	6,700	54.3	6,478	52.3	60,126	63.2	2.7
25-29	14,902	112.1	14,774	111.5	14,274	108.1	14,227	107.1	13,789	102.2	13,534	97.4	13,043	93.1	12,306	88.4	110,849	102.3	1.2
30-34	12,450	85.2	12,962	86.8	13,075	85.7	13,510	86.5	13,787	87.4	13,502	85.6	13,070	83.7	12,487	81.8	104,843	85.3	0.9
35-39	4,300	30.8	4,610	31.8	4,979	33.0	5,315	34.1	5,514	34.3	5,800	35.2	6,035	36.0	6,061	35.7	42,614	34.0	0.9
40-44	595	4.6	665	5.0	724	5.3	805	5.6	870	5.8	958	6.2	986	6.1	964	5.8	6,567	5.6	1.2
TFR		1,622		1,620		1,589		1,591		1,558		1,493		1,433		1,382		1,534	1.7

Notes: Age Specific Fertility Rates - number of births per 1,000 women in age group.
TFR - Total Fertility Rate (See Glossary for definitions).
Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.
This table includes live births with gender unknown.
Births to mothers <15 or 45+ years old are excluded.

Table 5a

Live Birth Age-Specific and Total Fertility Rates

British Columbia, 1991 - 1998

Status Indians in South Mainland

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	239	112.6	261	125.1	236	107.0	238	106.8	225	99.6	210	93.0	206	90.2	215	94.1	1,830	103.2	7.1
20-24	407	178.6	419	177.5	442	182.3	438	171.4	457	176.9	433	168.6	392	154.7	423	164.5	3,411	171.6	3.0
25-29	367	123.8	363	127.8	358	130.2	365	131.6	368	134.0	369	135.2	356	125.8	407	145.8	2,953	131.7	1.3
30-34	210	80.4	222	82.9	249	82.0	284	89.1	240	72.1	267	81.3	249	78.6	271	90.2	1,992	82.0	0.9
35-39	71	34.2	76	34.3	78	34.4	90	35.8	87	31.9	97	33.6	101	34.0	112	34.2	712	34.0	0.9
40-44	10	6.8	7	4.4	17	9.6	15	7.7	18	8.6	21	9.3	13	5.3	25	10.3	126	7.9	1.3
TFR		2,682.0		2,760.0		2,727.5		2,712.0		2,615.5		2,605.0		2,443.0		2,695.5		2,652.0	

All Other Residents in South Mainland

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	1,251	17.3	1,209	16.4	1,235	16.4	1,183	15.1	1,265	15.5	1,148	13.4	1,040	11.8	1,030	11.5	9,361	14.5	7.1
20-24	5,368	64.3	5,636	65.2	5,466	62.0	5,452	61.2	5,412	60.6	4,981	54.0	4,586	49.3	4,537	48.6	41,438	57.9	3.0
25-29	10,960	109.7	10,927	109.0	10,543	105.2	10,538	104.2	10,310	99.9	10,126	94.9	9,780	90.9	9,198	86.1	82,382	99.8	1.3
30-34	9,478	88.1	9,969	89.9	10,046	88.2	10,384	88.8	10,749	90.7	10,537	88.4	10,244	86.4	9,898	84.9	81,305	88.2	0.9
35-39	3,417	33.7	3,560	33.5	3,894	35.1	4,230	36.9	4,371	36.8	4,603	37.7	4,769	38.3	4,936	38.9	33,780	36.5	0.9
40-44	472	5.0	522	5.4	573	5.7	607	5.8	682	6.2	771	6.8	792	6.7	761	6.3	5,180	6.0	1.3
TFR		1,590.5		1,597.0		1,563.0		1,560.0		1,548.5		1,476.0		1,417.0		1,381.5		1,514.5	

Notes: Age Specific Fertility Rates - number of births per 1,000 women in age group in the area.
TFR - Total Fertility Rate (See Glossary for definitions).
Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.
This table includes live births with gender unknown but excludes cases with unknown residence.
Births to mothers <15 or 45+ years old are excluded.

Table 5b

Live Birth Age-Specific and Total Fertility Rates

British Columbia, 1991 - 1998

Status Indians in Vancouver Island

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	146	121.6	152	126.7	122	100.3	153	125.4	151	122.7	141	115.2	140	115.8	137	111.7	1,142	117.4	6.7
20-24	210	161.5	214	164.7	230	179.4	204	157.4	211	158.6	223	168.4	191	147.4	210	159.2	1,693	162.1	2.5
25-29	202	145.5	155	113.2	173	129.9	154	114.8	166	125.7	165	121.1	142	103.7	137	100.7	1,294	119.3	1.2
30-34	89	70.7	88	65.7	87	61.6	96	66.7	103	69.7	122	82.0	101	69.7	121	86.2	807	71.6	0.9
35-39	30	28.9	34	30.1	26	22.6	32	26.6	41	32.0	44	34.0	41	29.5	41	27.6	289	29.0	1.0
40-44	4	6.0	5	7.1	6	7.5	5	5.6	6	5.9	10	9.0	8	6.9	6	5.1	50	6.6	1.4
TFR		2,671.0		2,537.5		2,506.5		2,482.5		2,573.0		2,648.5		2,365.0		2,452.5		2,530.0	

All Other Residents in Vancouver Island

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	370	20.8	352	19.9	323	18.0	390	21.0	350	18.1	328	16.2	317	15.0	271	12.6	2,701	17.5	6.7
20-24	1,427	78.4	1,295	69.2	1,321	67.4	1,376	69.8	1,236	62.7	1,194	60.1	1,112	55.7	1,005	50.5	9,966	64.0	2.5
25-29	2,430	113.8	2,379	113.1	2,324	110.3	2,192	104.6	2,083	99.6	1,979	93.8	1,902	89.8	1,843	86.7	17,132	101.5	1.2
30-34	2,003	80.1	2,027	80.6	2,002	78.5	2,086	79.9	2,031	78.1	1,961	77.0	1,884	76.4	1,724	73.0	15,718	78.0	0.9
35-39	634	24.9	745	28.7	773	28.8	771	27.7	813	28.7	851	29.8	880	30.5	812	28.3	6,279	28.5	1.0
40-44	91	3.9	109	4.5	110	4.4	132	5.0	122	4.5	134	4.7	129	4.4	146	4.9	973	4.6	1.4
TFR		1,609.5		1,580.0		1,537.0		1,540.0		1,458.5		1,408.0		1,359.0		1,280.0		1,470.5	

Notes: Age Specific Fertility Rates - number of births per 1,000 women in age group in the area.
TFR - Total Fertility Rate (See Glossary for definitions).
Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.
This table includes live births with gender unknown but excludes cases with unknown residence.
Births to mothers <15 or 45+ years old are excluded.

Table 5c

Live Birth Age-Specific and Total Fertility Rates

British Columbia, 1991 - 1998

Status Indians in North West

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	81	102.4	79	102.6	69	91.8	60	85.3	63	91.2	63	94.5	69	104.1	63	94.5	547	95.9	4.4
20-24	136	158.7	138	164.3	120	150.4	140	176.5	103	134.3	122	160.7	129	178.4	108	151.9	996	159.4	1.6
25-29	86	93.3	101	114.0	81	93.6	93	112.6	83	98.7	97	114.5	80	95.0	78	97.5	699	102.4	0.8
30-34	54	67.7	45	53.0	44	47.7	62	66.6	50	53.6	57	62.7	37	42.2	49	57.0	398	56.2	0.7
35-39	10	14.6	24	32.2	20	27.7	19	24.8	19	24.3	17	21.5	16	19.0	16	17.5	141	22.6	0.9
40-44	1	2.1	2	4.0	2	3.6	2	3.4	2	3.1	4	5.8	4	5.4	3	4.3	20	4.1	0.8
TFR		2,194.0		2,350.5		2,074.0		2,346.0		2,026.0		2,298.5		2,220.5		2,113.5		2,203.0	

All Other Residents in North West

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	41	24.0	48	29.9	35	22.1	58	36.4	34	20.6	33	18.9	30	16.9	18	9.9	297	22.0	4.4
20-24	176	115.4	184	118.9	147	92.2	152	94.8	135	86.9	172	109.0	130	78.9	127	79.5	1,223	96.7	1.6
25-29	274	148.8	258	147.7	229	133.5	241	141.6	231	138.0	220	127.2	190	113.0	176	109.2	1,819	132.8	0.8
30-34	199	89.4	188	87.9	182	86.5	178	87.0	172	85.8	161	82.1	139	71.8	137	74.7	1,356	83.5	0.7
35-39	45	22.2	45	22.4	51	24.4	63	30.1	62	28.2	66	30.0	71	32.5	38	17.9	441	26.1	0.9
40-44	6	3.2	7	3.8	7	3.8	12	6.4	12	6.6	7	3.6	13	6.6	10	4.9	74	4.9	0.8
TFR		2,015.0		2,053.0		1,812.5		1,981.5		1,830.5		1,854.0		1,598.5		1,480.5		1,830.0	

Notes: Age Specific Fertility Rates - number of births per 1,000 women in age group in the area.
TFR - Total Fertility Rate (See Glossary for definitions).
Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.
This table includes live births with gender unknown but excludes cases with unknown residence.
Births to mothers <15 or 45+ years old are excluded.

Table 5d

Live Birth Age-Specific and Total Fertility Rates

British Columbia, 1991 - 1998

Status Indians in North East

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	142	127.6	129	117.8	134	118.4	142	126.9	151	135.5	112	100.0	123	110.6	110	96.8	1,043	116.7	4.3
20-24	258	215.7	215	180.1	215	186.3	198	164.6	226	191.0	204	168.6	208	173.6	215	178.4	1,739	182.2	1.7
25-29	151	130.3	138	115.5	151	125.1	143	117.2	156	124.1	167	132.6	146	116.2	154	125.7	1,206	123.3	1.0
30-34	70	74.4	69	69.6	74	67.9	75	63.5	67	54.4	95	75.7	73	56.3	89	68.6	612	65.9	0.9
35-39	21	25.5	16	19.1	17	20.2	25	28.1	21	21.9	26	25.7	26	24.3	26	22.6	178	23.5	1.0
40-44	3	6.0	2	3.5	4	6.0	2	2.7	4	5.0	8	9.2	2	2.2	3	3.3	28	4.7	1.1
TFR		2,897.5		2,528.0		2,619.5		2,515.0		2,659.5		2,559.0		2,416.0		2,477.0		2,581.5	

All Other Residents in North East

Age Group	1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
(in years)	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
15-19	306	34.1	283	31.9	271	30.5	268	29.5	281	29.6	225	22.4	225	21.8	211	20.1	2,070	27.2	4.3
20-24	1,035	130.3	928	117.4	1,010	122.2	972	115.1	878	103.0	902	104.4	861	97.0	809	88.1	7,395	109.1	1.7
25-29	1,227	124.2	1,204	128.1	1,141	125.3	1,213	134.8	1,132	124.9	1,183	124.5	1,155	119.8	1,088	114.6	9,343	124.4	1.0
30-34	765	67.6	770	69.8	813	73.4	828	74.4	809	72.1	810	72.7	790	71.4	726	68.1	6,311	71.2	0.9
35-39	201	18.9	260	24.0	249	22.4	243	21.4	258	22.3	274	23.2	305	25.3	275	22.6	2,065	22.5	1.0
40-44	26	2.8	26	2.9	33	3.5	51	5.3	52	5.1	45	4.2	51	4.5	47	4.0	331	4.1	1.1
TFR		1,889.5		1,870.5		1,886.5		1,902.5		1,785.0		1,757.0		1,699.0		1,587.5		1,792.5	

Notes: Age Specific Fertility Rates - number of births per 1,000 women in age group in the area.
TFR - Total Fertility Rate (See Glossary for definitions).
Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.
This table includes live births with gender unknown but excludes cases with unknown residence.
Births to mothers <15 or 45+ years old are excluded.

Overview of Infant Mortality Statistics

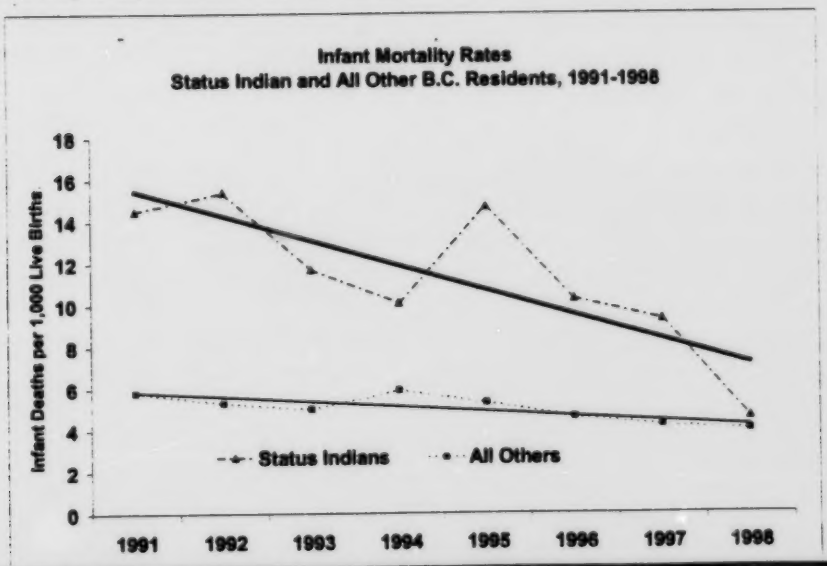
Infant mortality is a widely used measure of health status. Infant deaths are deaths of babies under the age of one. This section presents the number of infant deaths and mortality rates in the early neonatal, neonatal and post-neonatal periods at the provincial level (Table 6), as well as noting major findings for Status Indians in the South Mainland, Vancouver Island, North West and North East areas (Tables 6a to 6d). Causes of infant deaths are presented in Table 7 to 7d. The section ends with an overview of the pattern of infant mortality by age of mother and birth weight (Table 8). Due to the small number of annual infant deaths, tables show aggregate statistics for the 1991-1998 period.

Definitions

- Infant mortality is defined as the death of a child under one year of age. Early neonatal mortality refers to an infant death where the age at death was less than 7 days. Neonatal mortality, which includes the early neonatal period, refers to an age at death less than 28 days old. Post neonatal mortality refers to an age at death between 28 and 364 days after birth.

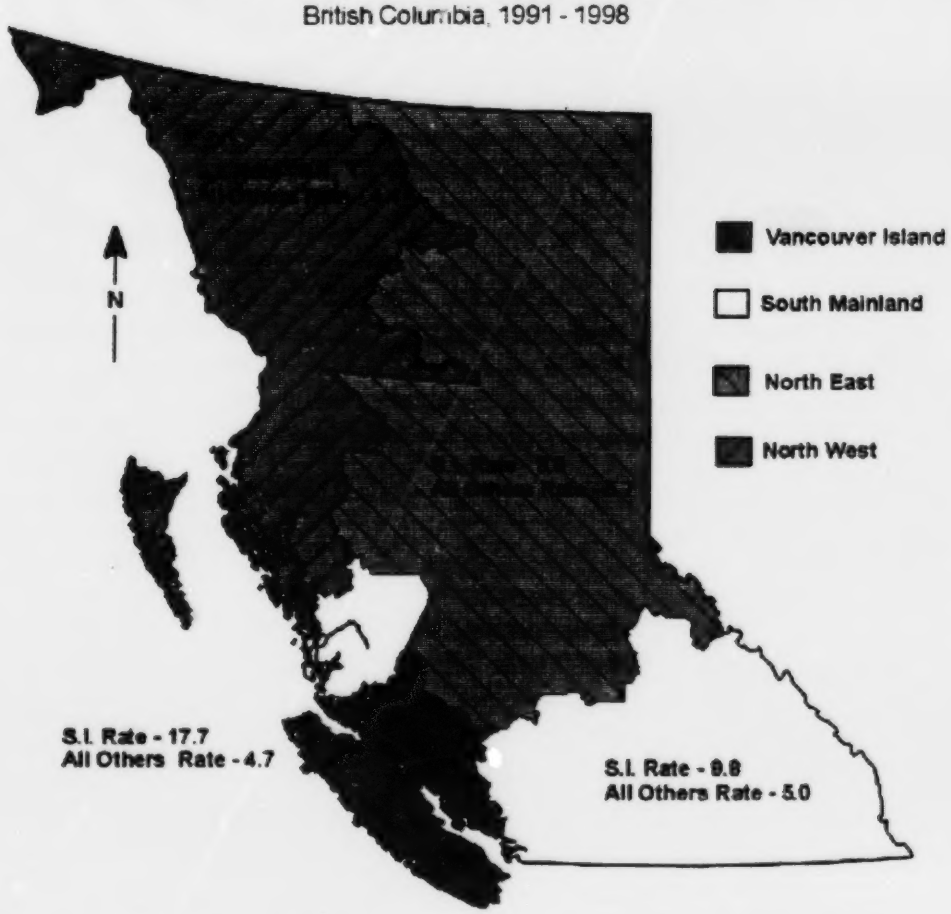
Infant Mortality

- From 1991 to 1998, one out of every seven infant deaths (age under one year old) in the province was a Status Indian baby. In total, 274 of the 1,978 infant deaths in B.C. in the eight years were Status Indian infants. At the provincial level, the Status Indian infant mortality rate was 11.3 infant deaths per 1,000 Status Indian live births, more than double the rate of 5.0 for other BC residents. However, these aggregate statistics disguise the progress made in infant mortality over the period.
- There has been a significant decrease in infant mortality in the Status Indian population in the last four years. The number of Status Indian infant deaths dropped each year from 45 in 1995 to 14 in 1998, and the Status Indian infant mortality rate showed a similar dramatic decline from 14.7 to 4.6 infant deaths per 1,000 Status Indian live births. Infant mortality also declined somewhat in the rest of the provincial population, where the rate decreased from 5.3 to 4.0.



Status Indian: Infant Mortality Rate, by Area

British Columbia, 1991 - 1998



Note: S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
Rates per 1,000 live births
Includes infant deaths with gender unknown
Cases with unknown usual residence are excluded

- The Vancouver Island area Status Indian population had the highest infant mortality rate of the four areas, 17.7 for the eight year period. This was double the lowest regional Status Indian infant mortality rate of 8.9 in the North West area. All areas showed a decreasing trend in infant mortality over the last four years.

INFANT MORTALITY BY AGE AT DEATH

- In the eight year period, there were 96 Status Indian infant deaths in the neonatal period, 78 of which were in the early neonatal period. The Status Indian neonatal mortality rate (4.0 deaths per 1,000 live births in the Status Indian population) and the early neonatal mortality rate (3.2), were only slightly higher than the rates for all other B.C. residents (3.5 and 3.0 respectively).
- The major difference between the pattern of infant deaths in the Status Indian and other residents of B.C. was in the post neonatal period. In the eight year period, two thirds of Status Indian infant deaths (178 of the 274 infant deaths) were between 28 and 364 days after birth, for a rate of 7.4 deaths in the post neonatal period per 1,000 live births. Among all other B.C. residents, less than one third of infant deaths were in the post neonatal period (529 out of 1,704 infant deaths), and the post neonatal mortality rate was only 1.6.
- Post neonatal mortality was highest in the Vancouver Island area Status Indian population where the rate was 12.0 deaths in the neonatal period per 1,000 live births in the area. This rate was more than six and a half times the rate for other residents of the Vancouver Island area, and approximately double the rate for Status Indian populations in the four areas.

CAUSES OF INFANT DEATHS

- Sudden Infant Death Syndrome (SIDS) was the leading cause of infant mortality in the Status Indian population between 1991 and 1998, accounting for 40% of all Status Indian infant deaths. Over the eight year period, 108 of the 328 SIDS deaths in the province were Status Indian children. The infant mortality rate for SIDS in the Status Indian population was 44.7 deaths per 10,000 live births, almost seven times the rate of 6.5 for all other B.C. residents Since the majority of SIDS deaths occur between 28 and 364 days after birth, SIDS is the major cause of post neonatal mortality. The incidence of SIDS was highest among Vancouver Island area Status Indians which had 75.3 infant death from SIDS per 10,000 live births. The North East area had the lowest SIDS rate of 26.9.
- Perinatal complications were responsible for three quarters of infant deaths in the first week of life (early neonatal period), and one quarter of all Status Indian deaths under the age of one in the eight year period. The Status Indian infant mortality rate from perinatal complications was 27.7 deaths per 10,000 live births, slightly higher than all other B.C. residents rate of 22.2. Status Indians had similar mortality rates from perinatal complications as other residents in the South Mainland and the North West areas, and slightly higher rates than the rates for other residents in the Vancouver Island and the North East areas.

- Congenital anomalies were responsible for one in nine Status Indian infant deaths (30 deaths) in 1991-1998. The Status Indian infant mortality rate for congenital anomalies, 12.4 deaths per 10,000 live births, was below the rate of 14.7 for all other B.C. residents The Status Indian populations in all areas except the Vancouver Island area had infant mortality rates from congenital anomalies which were equal to or lower than those for other residents in the area.

Infant Mortality and Age of Mother

- In the 1991-1998 period, there were 197 infant deaths where the mother was under 20 years of age, and more than a third (69 deaths) were Status Indians. Of all maternal age groups, teenage mothers had the highest infant mortality rates in both populations. The Status Indian infant mortality rate for teenage mothers was 14.7 infant deaths per 1,000 live births of Status Indian babies, compared to 8.8 for all other B.C. residents In general, Status Indian mothers tend to be younger than other B.C. mothers, therefore it is not surprising about eight out of every ten Status Indian infant deaths were to mothers under 30 years of age, compared to five out of ten infant deaths among all other B.C. residents population.

Infant Mortality and Birth Weight

- Generally, low birth weight is less of a factor in infant deaths among the province's Status Indian population. Of the 274 Status Indian infant deaths in 1991-1998, two in five (109 deaths) were had birth weights below 2,500 grams. Of the 1,704 infant deaths of other residents of B.C., almost three in five (973 deaths) had low birth weights.

Table 6

Infant Mortality Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in B.C.

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	4	2.5	9	5.8	4	2.6	8	5.1	2	1.3	8	5.0	6	4.0	2	1.3	43	3.4	1.1
(age <7 days)	Female	5	3.5	5	3.5	4	2.7	6	4.0	7	4.8	2	1.3	5	3.6	1	0.7	35	3.0	1.1
	Total	**9**	**3.0**	**14**	**4.7**	**8**	**2.7**	**14**	**4.6**	**9**	**2.9**	**10**	**3.2**	**11**	**3.8**	**3**	**1.0**	**78**	**3.2**	**1.1**
Neonatal	Male	5	3.2	10	6.5	5	3.3	9	5.7	2	1.3	14	8.7	8	5.3	3	2.0	56	4.5	1.2
(age <28 days)	Female	6	4.2	6	4.1	5	3.4	6	4.0	8	5.4	2	1.3	5	3.6	2	1.3	40	3.4	1.1
	Total	**11**	**3.6**	**16**	**5.4**	**10**	**3.3**	**15**	**4.9**	**10**	**3.3**	**16**	**5.2**	**13**	**4.5**	**5**	**1.6**	**96**	**4.0**	**1.1**
Post Neonatal	Male	20	12.6	24	15.6	7	4.6	9	5.7	19	12.0	8	5.0	10	6.7	8	5.2	105	8.4	4.4
(age 28-364 days)	Female	13	9.0	6	4.1	18	12.4	7	4.7	16	10.9	8	5.4	4	2.9	1	0.7	73	6.2	5.2
	Total	**33**	**10.9**	**30**	**10.1**	**25**	**8.4**	**16**	**5.2**	**35**	**11.5**	**16**	**5.2**	**14**	**4.8**	**9**	**3.0**	**178**	**7.4**	**4.6**
Infant Deaths	Male	25	15.8	34	22.1	12	7.8	18	11.5	21	13.2	22	13.7	18	12.0	11	7.2	161	12.9	2.3
(age <1 year)	Female	19	13.2	12	8.3	23	15.8	13	8.7	24	16.3	10	6.7	9	6.5	3	2.0	113	9.7	2.2
	Total	**44**	**14.5**	**46**	**15.4**	**35**	**11.7**	**31**	**10.1**	**45**	**14.7**	**32**	**10.3**	**27**	**9.3**	**14**	**4.6**	**274**	**11.3**	**2.3**

All Others Residents in B.C.

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	78	3.6	81	3.7	67	3.0	81	3.6	73	3.2	68	3.1	50	2.4	50	2.5	548	3.1	1.1
(age <7 days)	Female	48	2.3	53	2.5	46	2.2	81	3.8	74	3.5	54	2.6	63	3.1	38	1.9	457	2.8	1.1
	Total	**129**	**3.0**	**135**	**3.1**	**114**	**2.7**	**162**	**3.7**	**148**	**3.4**	**122**	**2.8**	**114**	**2.7**	**89**	**2.2**	**1,013**	**3.0**	**1.1**
Neonatal	Male	91	4.2	95	4.3	77	3.5	94	4.2	89	3.9	79	3.6	59	2.8	58	2.8	642	3.7	1.2
(age <28 days)	Female	59	2.9	57	2.7	51	2.4	89	4.2	81	3.8	65	3.1	72	3.5	51	2.6	525	3.2	1.1
	Total	**153**	**3.6**	**153**	**3.6**	**129**	**3.0**	**183**	**4.2**	**171**	**3.9**	**144**	**3.4**	**132**	**3.2**	**110**	**2.8**	**1,175**	**3.5**	**1.1**
Post Neonatal	Male	60	2.8	42	1.9	53	2.4	48	2.1	41	1.8	29	1.3	27	1.3	29	1.4	329	1.9	4.4
(age 28-364 days)	Female	31	1.5	32	1.5	33	1.6	26	1.2	19	0.9	23	1.1	16	0.8	20	1.0	200	1.2	5.2
	Total	**91**	**2.2**	**74**	**1.7**	**86**	**2.0**	**74**	**1.7**	**60**	**1.4**	**52**	**1.2**	**43**	**1.0**	**49**	**1.2**	**529**	**1.6**	**4.6**
Infant Deaths	Male	151	7.0	137	6.2	130	5.9	142	6.3	130	5.8	108	4.9	86	4.1	87	4.3	971	5.6	2.3
(age <1 year)	Female	90	4.4	89	4.2	84	4.0	115	5.4	100	4.7	88	4.2	88	4.3	71	3.6	725	4.4	2.2
	Total	**244**	**5.8**	**227**	**5.3**	**215**	**5.0**	**257**	**5.9**	**231**	**5.3**	**196**	**4.6**	**175**	**4.2**	**159**	**4.0**	**1,704**	**5.0**	**2.3**

Notes: Rates per 1,000 live births of the specified gender.
Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.
Totals include 8 infant deaths with gender unknown.

Table 6a

Infant Mortality Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in South Mainland

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	2	2.9	4	5.7	-	-	4	5.4	1	1.4	2	2.8	2	2.9	1	1.4	16	2.8	0.9
(age <7 days)	Female	1	1.6	1	1.5	2	2.9	1	1.4	3	4.5	1	1.5	3	4.8	-	-	12	2.2	0.8
	Total	**3**	**2.3**	**5**	**3.7**	**2**	**1.4**	**5**	**3.5**	**4**	**2.9**	**3**	**2.1**	**5**	**3.8**	**1**	**0.7**	**28**	**2.5**	**0.8**
Neonatal	Male	2	2.9	4	5.7	1	1.4	4	5.4	1	1.4	6	8.3	4	5.8	2	2.8	24	4.2	1.1
(age <28 days)	Female	2	3.2	2	3.1	2	2.9	1	1.4	3	4.5	1	1.5	3	4.8	-	-	14	2.6	0.8
	Total	**4**	**3.0**	**6**	**4.4**	**3**	**2.2**	**5**	**3.5**	**4**	**2.9**	**7**	**5.0**	**7**	**5.3**	**2**	**1.4**	**38**	**3.4**	**0.9**
Post Neonatal	Male	9	13.0	10	14.2	1	1.4	4	5.4	7	9.5	6	8.3	3	4.3	1	1.4	41	7.2	4.0
(age 28-364 days)	Female	6	9.6	4	6.2	5	7.2	5	7.2	6	9.0	2	3.0	1	1.6	1	1.4	30	5.6	5.1
	Total	**15**	**11.4**	**14**	**10.3**	**8**	**4.3**	**9**	**6.3**	**13**	**9.3**	**8**	**5.7**	**4**	**3.0**	**2**	**1.4**	**71**	**6.4**	**4.3**
Infant Deaths	Male	11	15.9	14	19.8	2	2.9	8	10.7	8	10.9	12	16.5	7	10.1	3	4.2	65	11.4	2.0
(age <1 year)	Female	8	12.8	6	9.2	7	10.1	6	8.7	9	13.5	3	4.4	4	6.3	1	1.4	44	8.2	1.9
	Total	**19**	**14.4**	**20**	**14.7**	**9**	**6.5**	**14**	**9.7**	**17**	**12.1**	**15**	**10.7**	**11**	**8.3**	**4**	**2.7**	**109**	**9.8**	**2.0**

All Others Residents in South Mainland

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	54	3.4	60	3.7	53	3.2	68	4.1	57	3.4	50	3.0	36	2.2	36	2.3	414	3.2	0.9
(age <7 days)	Female	36	2.4	39	2.5	31	2.0	64	4.1	57	3.6	41	2.6	54	3.5	30	2.0	352	2.9	0.8
	Total	**92**	**3.0**	**100**	**3.1**	**84**	**2.6**	**132**	**4.1**	**114**	**3.5**	**91**	**2.8**	**91**	**2.9**	**67**	**2.2**	**771**	**3.0**	**0.8**
Neonatal	Male	64	4.0	70	4.3	62	3.8	79	4.7	72	4.2	59	3.5	43	2.7	43	2.8	492	3.8	1.1
(age <28 days)	Female	45	3.0	43	2.8	35	2.3	69	4.4	62	3.9	50	3.2	58	3.8	42	2.8	404	3.3	0.8
	Total	**111**	**3.6**	**114**	**3.6**	**97**	**3.1**	**148**	**4.6**	**134**	**4.1**	**109**	**3.4**	**102**	**3.3**	**86**	**2.8**	**901**	**3.6**	**0.9**
Post Neonatal	Male	43	2.7	26	1.6	38	2.3	35	2.1	35	2.1	18	1.1	15	0.9	25	1.6	235	1.8	4.0
(age 28-364 days)	Female	20	1.3	25	1.6	20	1.3	17	1.1	12	0.8	18	1.2	14	0.9	12	0.8	138	1.1	5.1
	Total	**63**	**2.0**	**51**	**1.6**	**58**	**1.8**	**52**	**1.6**	**47**	**1.4**	**36**	**1.1**	**29**	**0.9**	**37**	**1.2**	**373**	**1.5**	**4.3**
Infant Deaths	Male	107	6.8	96	5.9	100	6.1	114	6.8	107	6.3	77	4.6	58	3.6	68	4.4	727	5.6	2.0
(age <1 year)	Female	65	4.3	68	4.4	55	3.6	86	5.5	74	4.7	68	4.4	72	4.7	54	3.6	542	4.4	1.9
	Total	**174**	**5.6**	**165**	**5.2**	**155**	**4.9**	**200**	**6.2**	**181**	**5.5**	**145**	**4.5**	**131**	**4.2**	**123**	**4.0**	**1,274**	**5.0**	**2.0**

Notes: Rates per 1,000 live births of the specified gender.

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

Totals include infant deaths with gender unknown.

Cases with unknown usual residence are excluded.

Table 6b

Infant Mortality Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in Vancouver Island

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	-	-	3	8.9	3	8.7	2	6.4	1	2.9	3	8.4	1	3.2	-	-	13	4.8	1.7
(age <7 days)	Female	1	3.0	2	6.3	1	3.3	4	12.0	2	6.0	1	2.8	1	3.2	1	3.1	13	5.0	2.4
	Total	**1**	**1.5**	**5**	**7.7**	**4**	**6.2**	**6**	**9.3**	**3**	**4.4**	**4**	**5.6**	**2**	**3.2**	**1**	**1.5**	**26**	**4.9**	**2.0**
Neonatal	Male	-	-	3	8.9	3	8.7	3	9.6	1	2.9	4	11.2	1	3.2	-	-	15	5.6	1.8
(age <28 days)	Female	1	3.0	2	6.3	1	3.3	4	12.0	3	9.0	1	2.8	1	3.2	2	6.1	15	5.7	2.3
	Total	**1**	**1.5**	**5**	**7.7**	**4**	**6.2**	**7**	**10.8**	**4**	**5.9**	**5**	**7.1**	**2**	**3.2**	**2**	**3.0**	**30**	**5.6**	**1.9**
Post Neonatal	Male	4	11.3	10	29.7	4	11.7	2	6.4	7	20.1	1	2.8	4	12.8	3	9.0	35	13.0	5.9
(age 28-364 days)	Female	3	9.0	2	6.3	10	32.7	2	6.0	6	17.9	6	17.0	-	-	-	-	29	11.1	8.5
	Total	**7**	**10.2**	**12**	**18.4**	**14**	**21.6**	**4**	**6.2**	**13**	**19.0**	**7**	**9.9**	**4**	**6.4**	**3**	**4.6**	**64**	**12.0**	**6.7**
Infant Deaths	Male	4	11.3	13	38.6	7	20.4	5	16.0	8	23.0	5	14.0	5	16.0	3	9.0	50	18.6	3.4
(age <1 year)	Female	4	12.0	4	12.7	11	35.9	6	18.0	9	26.9	7	19.8	1	3.2	2	6.1	44	16.8	4.4
	Total	**8**	**11.7**	**17**	**26.1**	**18**	**27.7**	**11**	**17.0**	**17**	**24.9**	**12**	**16.9**	**6**	**9.6**	**5**	**7.6**	**94**	**17.7**	**3.8**

All Others Residents in Vancouver Island

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	10	2.8	15	4.2	8	2.2	7	1.9	10	2.9	10	3.1	10	3.2	8	2.7	78	2.9	1.7
(age <7 days)	Female	8	2.4	4	1.2	9	2.7	6	1.8	11	3.4	6	1.9	5	1.6	4	1.4	53	2.1	2.4
	Total	**19**	**2.7**	**19**	**2.7**	**17**	**2.5**	**13**	**1.9**	**22**	**3.3**	**16**	**2.5**	**15**	**2.4**	**12**	**2.1**	**133**	**2.5**	**2.0**
Neonatal	Male	13	3.6	17	4.7	8	2.2	7	1.9	11	3.2	10	3.1	12	3.8	8	2.7	86	3.2	1.8
(age <28 days)	Female	9	2.7	4	1.2	10	3.0	8	2.4	12	3.8	7	2.2	8	2.6	5	1.7	63	2.5	2.3
	Total	**23**	**3.3**	**21**	**3.0**	**18**	**2.6**	**15**	**2.2**	**24**	**3.6**	**17**	**2.6**	**20**	**3.2**	**13**	**2.2**	**151**	**2.9**	**1.9**
Post Neonatal	Male	11	3.1	9	2.5	10	2.8	9	2.5	6	1.7	8	2.4	6	1.9	2	0.7	61	2.2	5.9
(age 28-364 days)	Female	6	1.8	5	1.5	7	2.1	8	2.4	2	0.6	2	0.6	-	-	4	1.4	34	1.3	8.5
	Total	**17**	**2.4**	**14**	**2.0**	**17**	**2.5**	**17**	**2.4**	**8**	**1.2**	**10**	**1.5**	**6**	**1.0**	**6**	**1.0**	**95**	**1.8**	**6.7**
Infant Deaths	Male	24	6.7	26	7.3	18	5.1	16	4.5	17	4.9	18	5.5	18	5.8	10	3.4	147	5.4	3.4
(age <1 year)	Female	15	4.5	9	2.7	17	5.1	16	4.8	14	4.4	9	2.8	8	2.6	9	3.1	97	3.8	4.4
	Total	**40**	**5.7**	**35**	**5.1**	**35**	**5.1**	**32**	**4.6**	**32**	**4.8**	**27**	**4.2**	**26**	**4.2**	**19**	**3.3**	**246**	**4.7**	**3.8**

Notes: Rates per 1,000 live births of the specified gender.

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

Totals include infant deaths with gender unknown.

Cases with unknown usual residence are excluded.

Table 6c

Infant Mortality Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in North West

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	-	-	1	4.9	1	5.8	-	-	-	-	1	5.3	-	-	-	-	3	2.0	0.8
(age <7 days)	Female	1	6.0	1	5.4	1	6.1	-	-	2	13.2	-	-	-	-	-	-	5	3.7	1.3
	Total	**1**	**2.7**	**2**	**5.1**	**2**	**5.9**	**-**	**-**	**2**	**6.2**	**1**	**2.8**	**-**	**-**	**-**	**-**	**8**	**2.8**	**1.0**
Neonatal	Male	1	4.9	1	4.9	1	5.8	-	-	-	-	2	10.5	-	-	-	-	5	3.4	1.1
(age <28 days)	Female	1	6.0	1	5.4	1	6.1	-	-	2	13.2	-	-	-	-	-	-	5	3.7	1.0
	Total	**2**	**5.4**	**2**	**5.1**	**2**	**5.9**	**-**	**-**	**2**	**6.2**	**2**	**5.6**	**-**	**-**	**-**	**-**	**10**	**3.6**	**1.1**
Post Neonatal	Male	2	9.8	2	9.8	1	5.8	1	5.1	2	11.8	1	5.3	-	-	1	6.3	10	6.8	6.2
(age 28-364 days)	Female	2	12.0	-	-	-	-	-	-	1	6.6	-	-	2	12.3	-	-	5	3.7	3.1
	Total	**4**	**10.8**	**2**	**5.1**	**1**	**3.0**	**1**	**2.6**	**3**	**9.3**	**1**	**2.8**	**2**	**5.9**	**1**	**3.1**	**15**	**5.3**	**4.8**
Infant Deaths	Male	3	14.7	3	14.6	2	11.6	1	5.1	2	11.8	3	15.8	-	-	1	6.3	15	10.2	2.5
(age <1 year)	Female	3	18.1	1	5.4	1	6.1	-	-	3	19.7	-	-	2	12.3	-	-	10	7.5	1.6
	Total	**6**	**16.2**	**4**	**10.3**	**3**	**8.9**	**1**	**2.6**	**5**	**15.6**	**3**	**8.3**	**2**	**5.9**	**1**	**3.1**	**25**	**8.9**	**2.0**

All Others Residents in North West

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	3	7.9	2	5.3	-	-	-	-	-	-	1	3.1	-	-	1	3.6	7	2.6	0.8
(age <7 days)	Female	1	2.8	1	2.8	-	-	1	3.0	2	6.7	-	-	2	7.1	-	-	7	2.8	1.3
	Total	**4**	**5.4**	**3**	**4.1**	**-**	**-**	**1**	**1.4**	**2**	**3.1**	**1**	**1.5**	**2**	**3.5**	**1**	**2.0**	**14**	**2.7**	**1.0**
Neonatal	Male	3	7.9	2	5.3	-	-	-	-	-	-	1	3.1	-	-	2	7.3	8	3.0	1.1
(age <28 days)	Female	1	2.8	1	2.8	-	-	2	5.9	2	6.7	-	-	3	10.7	-	-	9	3.6	1.0
	Total	**4**	**5.4**	**3**	**4.1**	**-**	**-**	**2**	**2.8**	**2**	**3.1**	**1**	**1.5**	**3**	**5.2**	**2**	**4.0**	**17**	**3.3**	**1.1**
Post Neonatal	Male	1	2.6	-	-	-	-	1	2.7	-	-	-	-	-	-	1	3.6	3	1.1	0.2
(age 28-364 days)	Female	-	-	-	-	1	3.1	-	-	2	6.7	-	-	-	-	-	-	3	1.2	3.1
	Total	**1**	**1.3**	**-**	**-**	**1**	**1.5**	**1**	**1.4**	**2**	**3.1**	**-**	**-**	**-**	**-**	**1**	**2.0**	**6**	**1.1**	**4.8**
Infant Deaths	Male	4	10.5	2	5.3	-	-	1	2.7	-	-	1	3.1	-	-	3	10.9	11	4.1	2.5
(age <1 year)	Female	1	2.8	1	2.8	1	3.1	2	5.9	4	13.3	-	-	3	10.7	-	-	12	4.8	1.6
	Total	**5**	**6.7**	**3**	**4.1**	**1**	**1.5**	**3**	**4.3**	**4**	**6.2**	**1**	**1.5**	**3**	**5.2**	**3**	**5.9**	**23**	**4.4**	**2.0**

Notes: Rates per 1,000 live births of the specified gender.

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

Totals include infant deaths with gender unknown.

Cases with unknown usual residence are excluded.

Table 6d

Infant Mortality Statistical Summaries

British Columbia, 1991 - 1998

Status Indians in North East

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	2	6.0	1	3.5	-	-	2	6.5	-	-	2	6.1	3	9.7	1	3.1	11	4.4	1.3
(age <7 days)	Female	2	6.3	1	3.5	-	-	1	3.5	-	-	-	-	1	3.7	-	-	5	2.2	0.7
	Total	**4**	**6.2**	**2**	**3.5**	**-**	**-**	**3**	**5.1**	**-**	**-**	**2**	**3.3**	**4**	**6.9**	**1**	**1.7**	**16**	**3.3**	**1.0**
Neonatal	Male	2	6.0	2	7.0	-	-	2	6.5	-	-	2	6.1	3	9.7	1	3.1	12	4.8	1.2
(age <28 days)	Female	2	6.3	1	3.5	1	3.5	1	3.5	-	-	-	-	1	3.7	-	-	6	2.6	0.8
	Total	**4**	**6.2**	**3**	**5.2**	**1**	**1.7**	**3**	**5.1**	**-**	**-**	**2**	**3.3**	**4**	**6.9**	**1**	**1.7**	**18**	**3.7**	**1.0**
Post Neonatal	Male	5	15.0	2	7.0	1	3.2	2	6.5	3	9.3	-	-	3	9.7	3	9.2	19	7.5	3.6
(age 28-364 days)	Female	2	6.3	-	-	3	10.6	-	-	3	9.7	-	-	1	3.7	-	-	9	3.9	2.2
	Total	**7**	**10.8**	**2**	**3.5**	**4**	**6.7**	**2**	**3.4**	**6**	**9.5**	**-**	**-**	**4**	**6.9**	**3**	**5.0**	**28**	**5.8**	**2.9**
Infant Deaths	Male	7	21.0	4	14.0	1	3.2	4	13.0	3	9.3	2	6.1	6	19.4	4	12.3	31	12.3	2.0
(age <1 year)	Female	4	12.6	1	3.5	4	14.1	1	3.5	3	9.7	-	-	2	7.4	-	-	15	6.5	1.3
	Total	**11**	**16.9**	**5**	**8.7**	**5**	**8.3**	**5**	**8.5**	**6**	**9.5**	**2**	**3.3**	**8**	**13.8**	**4**	**6.7**	**46**	**9.5**	**1.7**

All Others Residents in North East

		1991		1992		1993		1994		1995		1996		1997		1998		1991-1998		
		Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Status/ Other
Early Neonatal	Male	10	5.5	4	2.3	6	3.4	6	3.2	6	3.5	7	4.0	4	2.3	5	3.1	48	3.4	1.3
(age <7 days)	Female	1	0.6	8	4.6	6	3.4	9	5.3	4	2.4	7	4.1	2	1.2	4	2.6	41	3.0	0.7
	Total	**11**	**3.1**	**12**	**3.5**	**13**	**3.7**	**15**	**4.2**	**10**	**2.9**	**14**	**4.1**	**6**	**1.8**	**9**	**2.9**	**90**	**3.3**	**1.0**
Neonatal	Male	10	5.5	6	3.5	7	4.0	8	4.3	6	3.5	9	5.1	4	2.3	5	3.1	55	3.9	1.2
(age <28 days)	Female	2	1.1	8	4.6	6	3.4	9	5.3	5	3.0	8	4.7	3	1.8	4	2.6	45	3.3	0.8
	Total	**12**	**3.4**	**14**	**4.0**	**14**	**4.0**	**17**	**4.7**	**11**	**3.2**	**17**	**4.9**	**7**	**2.1**	**9**	**2.9**	**101**	**3.7**	**1.0**
Post Neonatal	Male	5	2.7	7	4.1	5	2.9	3	1.6	-	-	3	1.7	6	3.4	1	0.6	30	2.1	3.6
(age 28-364 days)	Female	5	2.9	2	1.1	5	2.8	1	0.6	3	1.8	3	1.8	2	1.2	4	2.6	25	1.8	2.2
	Total	**10**	**2.8**	**9**	**2.6**	**10**	**2.8**	**4**	**1.1**	**3**	**0.9**	**6**	**1.7**	**8**	**2.4**	**5**	**1.6**	**55**	**2.0**	**2.9**
Infant Deaths	Male	15	8.2	13	7.5	12	6.9	11	5.9	6	3.5	12	6.8	10	5.7	6	3.7	85	6.1	2.0
(age <1 year)	Female	7	4.0	10	5.7	11	6.2	10	5.8	8	4.7	11	6.5	5	3.0	8	5.2	70	5.2	1.3
	Total	**22**	**6.2**	**23**	**6.6**	**24**	**6.8**	**21**	**5.9**	**14**	**4.1**	**23**	**6.7**	**15**	**4.4**	**14**	**4.4**	**156**	**5.7**	**1.7**

Notes: Rates per 1,000 live births of the specified gender.
Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.
Totals include infant deaths with gender unknown.
Cases with unknown usual residence are excluded.

Table 7

Selected Causes of Infant Deaths and Stillbirths

British Columbia, 1991 - 1998

		Status Indians in B.C.							All Other B.C. Residents						
	ICD9	Infant Deaths (age in days)					Stillbirths		Infant Deaths (age in days)					Stillbirths	
Cause of Infant Death or Stillbirth	**Codes**	<7	7-27	28-364	Total	Rate	No.	Rate	<7	7-27	28-36	Total	Rate	No.	Rate
Nervous system congenital anomalies	740-742	2	1	3	6	2.5	2	0.8	41	6	11	58	1.7	73	2.1
Congenital heart/circulatory system anomalies	745-747	2	3	4	9	3.7	3	1.2	83	48	62	193	5.7	30	0.9
Respiratory system congenital anomalies	748	4	-	-	4	1.7	-	-	64	4	6	74	2.2	4	0.1
Digestive system congenital anomalies	749-751	-	-	3	3	1.2	-	-	4	-	8	12	0.4	2	0.1
Renal system congenital anomalies	753	2	-	-	2	0.8	-	-	15	2	1	18	0.5	33	1.0
Musculoskeletal/oth congen anom	743-744, 752, 754-757	-	-	1	1	0.4	1	0.4	27	1	5	33	1.0	19	0.6
Chromosomal anomalies	758	1	1	1	3	1.2	7	2.9	42	9	18	69	2.0	94	2.7
Multiple congenital anomalies	759	1	-	1	2	0.8	3	1.2	32	-	10	42	1.2	68	2.0
Total deaths due to congenital anomalies	**740-759**	**12**	**5**	**13**	**30**	**12.4**	**16**	**6.6**	**308**	**70**	**121**	**499**	**14.7**	**323**	**9.4**
Maternal conditions not related to pregnancy	760	-	-	-	-	-	8	3.3	15	2	3	20	0.6	53	1.5
Complications of pregnancy/labour/delivery	761, 763	8	-	1	9	3.7	18	7.4	110	2	-	112	3.3	169	4.9
Complications of placenta/cord/membranes	762	8	-	-	8	3.3	63	25.9	106	-	-	106	3.1	862	25.2
Slow fetal growth and fetal malnutrition	764	-	-	-	-	-	3	1.2	7	2	-	9	0.3	40	1.2
Short gestation/unspecified low birth weight	765	9	-	-	9	3.7	5	2.1	118	-	-	118	3.5	50	1.5
Long gestation and high birth weight	766	-	-	-	-	-	-	-	-	-	-	-	-	4	0.1
Birth trauma	767	5	-	-	5	2.1	-	-	23	3	-	26	0.8	2	0.1
Intrauterine hypoxia and birth asphyxia	768	5	1	-	6	2.5	4	1.6	56	4	-	60	1.8	87	2.5
Respiratory conditions of the fetus/newborn	769-770	17	2	3	22	9.1	-	-	150	21	21	192	5.6	2	0.1
Infections specific to the perinatal period	771	2	-	-	2	0.8	2	0.8	19	11	3	33	1.0	6	0.2
Fetal and neonatal hemorrhage	772	3	-	-	3	1.2	-	-	15	-	-	15	0.4	8	0.2
Perinatal jaundice/oth hematological disorders	773-774, 776	-	-	-	-	-	1	0.4	3	2	-	5	0.1	8	0.2
Perinatal digestive system disorders	777	1	-	-	1	0.4	-	-	5	8	4	17	0.5	-	-
Integument/temperature regulation disorders	778	-	-	-	-	-	1	0.4	7	1	1	9	0.3	25	0.7
Other perinatal conditions[1]	775, 779	1	1	-	2	0.8	52	21.4	30	1	2	33	1.0	600	17.5
Total deaths due to perinatal complications	**760-779**	**59**	**4**	**4**	**67**	**27.7**	**157**	**64.5**	**664**	**57**	**34**	**755**	**22.2**	**1,916**	**56.0**
Pneumonia/influenza	480-487	1	-	9	10	4.1	-	-	1	-	5	6	0.2	-	-
Sudden Infant Death Syndrome (SIDS)[2]	798.0	-	4	104	108	44.7	-	-	1	12	207	220	6.5	-	-
Other causes[3]		6	5	48	59	24.4	2	0.8	39	23	162	224	6.6	47	1.4
Total (All Causes)		**78**	**18**	**178**	**274**	**113.4**	**175**	**71.9**	**1,013**	**162**	**529**	**1,704**	**50.1**	**2,286**	**66.8**

Notes: Infant death rates per 10,000 live births. Stillbirth rates per 10,000 total births.

[1] Includes stillbirths with undetermined cause of death (coded to 779.9).

[2] Some infant deaths, which were still under investigation, may later be identified as SIDS.

[3] Includes infant deaths with interim or undetermined cause of death (coded to 799.9).

Cases with gender unknown are included.

Table 7a

Selected Causes of Infant Deaths and Stillbirths

British Columbia, 1991 - 1998

Cause of Infant Death or Stillbirth	ICD9 Codes	Status Indians in South Mainland							All Other South Mainland Residents						
		Infant Deaths (age in days)					Stillbirths		Infant Deaths (age in days)					Stillbirths	
		<7	7-27	28-364	Total	Rate	No.	Rate	<7	7-27	28-36	Total	Rate	No.	Rate
Nervous system congenital anomalies	740-742	-	1	1	2	1.8	-	-	33	5	8	46	1.8	48	1.9
Congenital heart/circulatory system anomalies	745-747	1	1	1	3	2.7	1	0.9	65	40	42	147	5.8	19	0.7
Respiratory system congenital anomalies	748	1	-	-	1	0.9	-	-	52	2	6	60	2.4	2	0.1
Digestive system congenital anomalies	749-751	-	-	1	1	0.9	-	-	4	-	7	11	0.4	1	0.0
Renal system congenital anomalies	753	1	-	-	1	0.9	-	-	11	2	1	14	0.6	20	0.8
Musculoskeletal/oth congen anom	743-744, 752, 754-757	-	-	-	-	-	1	0.9	19	1	3	23	0.9	13	0.5
Chromosomal anomalies	758	1	-	1	2	1.8	2	1.8	31	8	15	54	2.1	71	2.8
Multiple congenital anomalies	759	1	-	1	2	1.8	1	0.9	29	-	6	35	1.4	51	2.0
Total deaths due to congenital anomalies	**740-759**	**5**	**2**	**5**	**12**	**10.8**	**5**	**4.5**	**244**	**58**	**88**	**390**	**15.4**	**225**	**8.9**
Maternal conditions not related to pregnancy	760	-	-	-	-	-	5	4.5	12	2	2	16	0.6	31	1.2
Complications of pregnancy/labour/delivery	761, 763	4	-	-	4	3.6	7	6.3	89	1	-	90	3.5	109	4.3
Complications of placenta/cord/membranes	762	2	-	-	2	1.8	29	26.1	86	-	-	86	3.4	595	23.4
Slow fetal growth and fetal malnutrition	764	-	-	-	-	-	1	0.9	5	2	-	7	0.3	28	1.1
Short gestation/unspecified low birth weight	765	3	-	-	3	2.7	4	3.6	82	-	-	82	3.2	33	1.3
Long gestation and high birth weight	766	-	-	-	-	-	-	-	-	-	-	-	-	2	0
Birth trauma	767	2	-	-	2	1.8	-	-	18	3	-	21	0.8	2	0.1
Intrauterine hypoxia and birth asphyxia	768	1	1	-	2	1.8	2	1.8	42	3	-	45	1.8	65	2.6
Respiratory conditions of the fetus/newborn	769-770	6	1	2	9	8.1	-	-	109	18	15	142	5.6	2	0.1
Infections specific to the perinatal period	771	2	-	-	2	1.8	1	0.9	13	8	3	24	0.9	3	0.1
Fetal and neonatal hemorrhage	772	1	-	-	1	0.9	-	-	10	-	-	10	0.4	5	0.2
Perinatal jaundice/oth hematological disorders	773-774, 776	-	-	-	-	-	1	0.9	3	2	-	5	0.2	8	0.3
Perinatal digestive system disorders	777	-	-	-	-	-	-	-	4	6	3	13	0.5	-	-
Integument/temperature regulation disorders	778	-	-	-	-	-	1	0.9	4	-	1	5	0.2	22	0.9
Other perinatal conditions[1]	775, 779	-	-	-	-	-	19	17.1	20	1	-	21	0.8	425	16.7
Total deaths due to perinatal complications	**760-779**	**21**	**2**	**2**	**25**	**22.6**	**70**	**62.8**	**497**	**48**	**24**	**567**	**22.3**	**1330**	**52.1**
Pneumonia/influenza	480-487	-	-	3	3	2.7	-	-	1	-	4	5	0.2	-	-
Sudden Infant Death Syndrome (SIDS)[2]	798.0	-	2	41	43	38.8	-	-	1	8	141	150	5.9	-	-
Other causes[3]		2	4	20	26	23.5	-	-	28	18	116	162	6.4	29	1.1
Total (All Causes)		**28**	**10**	**71**	**109**	**98.3**	**75**	**67.2**	**771**	**130**	**373**	**1,274**	**50.2**	**1584**	**62.0**

Notes: Infant death rates per 10,000 live births. Stillbirth rates per 10,000 total births.

[1] Includes stillbirths with undetermined cause of death (coded to 779.9).

[2] Some infant deaths, which were still under investigation, may later be identified as SIDS.

[3] Includes infant deaths with interim or undetermined cause of death (coded to 799.9).

Cases with gender unknown are included.

Cases with unknown residence are excluded.

Table 7b

Selected Causes of Infant Deaths and Stillbirths

British Columbia, 1991 - 1998

Cause of Infant Death or Stillbirth	ICD9 Codes	Status Indians in Vancouver Island							All Other Vancouver Island Residents						
		Infant Deaths (age in days)					Stillbirths		Infant Deaths (age in days)					Stillbirths	
		<7	7-27	28-364	Total	Rate	No.	Rate	<7	7-27	28-36	Total	Rate	No.	Rate
Nervous system congenital anomalies	740-742	-	-	2	2	3.8	-	-	3	1	-	4	0.8	11	2.1
Congenital heart/circulatory system anomalies	745-747	1	2	-	3	5.6	1	1.9	12	4	13	29	5.5	5	0.9
Respiratory system congenital anomalies	748	1	-	-	1	1.9	-	-	8	-	-	8	1.5	1	0.2
Digestive system congenital anomalies	749-751	-	-	1	1	1.9	-	-	-	-	1	1	0.2	1	0.2
Renal system congenital anomalies	753	1	-	-	1	1.9	-	-	-	-	-	-	-	4	0.8
Musculoskeletal/oth congen anom	743-744, 752, 754-757	-	-	-	-	-	-	-	5	-	1	6	1.1	3	0.6
Chromosomal anomalies	758	-	-	-	-	-	4	7.5	6	1	3	10	1.9	13	2.5
Multiple congenital anomalies	759	-	-	-	-	-	1	1.9	-	-	3	3	0.6	9	1.7
Total deaths due to congenital anomalies	**740-759**	**3**	**2**	**3**	**8**	**15.1**	**6**	**11.3**	**34**	**6**	**21**	**61**	**11.5**	**47**	**8.9**
Maternal conditions not related to pregnancy	760	-	-	-	-	-	1	1.9	2	-	-	2	0.4	6	1.1
Complications of pregnancy/labour/delivery	761, 763	2	-	1	3	5.6	6	11.3	14	1	-	15	2.8	23	4.4
Complications of placenta/cord/membranes	762	4	-	-	4	7.5	12	22.5	13	-	-	13	2.5	122	23.0
Slow fetal growth and fetal malnutrition	764	-	-	-	-	-	-	-	-	-	-	-	-	3	0.6
Short gestation/unspecified low birth weight	765	1	-	-	1	1.9	-	-	15	-	-	15	2.8	3	0.6
Long gestation and high birth weight	766	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma	767	1	-	-	1	1.9	-	-	3	-	-	3	0.6	-	-
Intrauterine hypoxia and birth asphyxia	768	4	-	-	4	7.5	-	-	6	-	-	6	1.1	9	1.7
Respiratory conditions of the fetus/newborn	769-770	6	-	-	6	11.3	-	-	28	2	4	34	6.4	-	-
Infections specific to the perinatal period	771	-	-	-	-	-	1	1.9	2	1	-	3	0.6	2	0.4
Fetal and neonatal hemorrhage	772	1	-	-	1	1.9	-	-	3	-	-	3	0.6	-	-
Perinatal jaundice/oth hematological disorders	773-774, 776	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perinatal digestive system disorders	777	-	-	-	-	-	-	-	1	2	1	4	0.8	-	-
Integument/temperature regulation disorders	778	-	-	-	-	-	-	-	1	-	-	1	0.2	-	-
Other perinatal conditions[1]	775, 779	-	-	-	-	-	11	20.7	7	-	2	9	1.7	74	14.0
Total deaths due to perinatal complications	**760-779**	**19**	**-**	**1**	**20**	**37.7**	**31**	**58.0**	**95**	**6**	**7**	**108**	**20.4**	**242**	**45.6**
Pneumonia/influenza	480-487	1	-	6	7	13.2	-	-	-	-	1	1	0.2	-	-
Sudden Infant Death Syndrome (SIDS)[2]	798.0	-	2	38	40	75.3	-	-	-	3	39	42	7.9	-	-
Other causes[3]		3	-	16	19	35.8	1	1.9	4	3	27	34	6.4	3	0.6
Total (All Causes)		**26**	**4**	**64**	**94**	**177.0**	**38**	**71.0**	**133**	**18**	**95**	**246**	**46.6**	**292**	**55.0**

Notes: Infant death rates per 10,000 live births. Stillbirth rates per 10,000 total births.

[1] Includes stillbirths with undetermined cause of death (coded to 779.9).

[2] Some infant deaths, which were still under investigation, may later be identified as SIDS.

[3] Includes infant deaths with interim or undetermined cause of death (coded to 799.9).

Cases with gender unknown are included.

Cases with unknown residence are excluded.

Table 7c

Selected Causes of Infant Deaths and Stillbirths

British Columbia, 1991 - 1998

Cause of Infant Death or Stillbirth	ICD9 Codes	Status Indians in North West							All Other North West Residents						
		Infant Deaths (age in days)					Stillbirths		Infant Deaths (age in days)					Stillbirths	
		<7	7-27	28-364	Total	Rate	No.	Rate	<7	7-27	28-36	Total	Rate	No.	Rate
Nervous system congenital anomalies	740-742	1	-	-	1	3.6	-	-	1	-	-	1	1.9	1	1.9
Congenital heart/circulatory system anomalies	745-747	-	-	1	1	3.6	-	-	1	1	1	3	5.7	3	5.7
Respiratory system congenital anomalies	748	1	-	-	1	3.6	-	-	1	-	-	1	1.9	-	-
Digestive system congenital anomalies	749-751	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renal system congenital anomalies	753	-	-	-	-	-	-	-	1	-	-	1	1.9	-	-
Musculoskeletal/oth congen anom	743-744, 752, 754-757	-	-	-	-	-	-	-	1	-	-	1	1.9	2	3.8
Chromosomal anomalies	758	-	-	-	-	-	1	3.6	1	-	-	1	1.9	2	3.8
Multiple congenital anomalies	759	-	-	-	-	-	1	3.6	-	-	-	-	-	1	1.9
Total deaths due to congenital anomalies	**740-759**	**2**	**-**	**1**	**3**	**10.7**	**2**	**7.1**	**6**	**1**	**1**	**8**	**15.3**	**9**	**17.2**
Maternal conditions not related to pregnancy	760	-	-	-	-	-	1	3.6	-	-	1	1	1.9	4	7.7
Complications of pregnancy/labour/delivery	761, 763	2	-	-	2	7.1	2	7.1	-	-	-	-	-	3	5.7
Complications of placenta/cord/membranes	762	-	-	-	-	-	3	10.6	-	-	-	-	-	9	17.2
Slow fetal growth and fetal malnutrition	764	-	-	-	-	-	1	3.6	-	-	-	-	-	-	-
Short gestation/unspecified low birth weight	765	1	-	-	1	3.6	-	-	4	-	-	4	7.7	2	3.8
Long gestation and high birth weight	766	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Birth trauma	767	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Intrauterine hypoxia and birth asphyxia	768	-	-	-	-	-	1	3.6	1	-	-	1	1.9	1	1.9
Respiratory conditions of the fetus/newborn	769-770	2	-	-	2	7.1	-	-	3	-	-	3	5.7	-	-
Infections specific to the perinatal period	771	-	-	-	-	-	-	-	-	1	-	1	1.9	-	-
Fetal and neonatal hemorrhage	772	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perinatal jaundice/oth hematological disorders	773-774, 776	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perinatal digestive system disorders	777	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integument/temperature regulation disorders	778	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other perinatal conditions[1]	775, 779	-	1	-	1	3.6	4	14.2	-	-	-	-	-	11	21.0
Total deaths due to perinatal complications	**760-779**	**5**	**1**	**-**	**6**	**21.3**	**12**	**42.5**	**8**	**1**	**1**	**10**	**19.2**	**30**	**57.2**
Pneumonia/influenza	480-487	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudden Infant Death Syndrome (SIDS)[2]	798.0	-	-	12	12	42.6	-	-	-	-	3	3	5.7	-	-
Other causes[3]		1	1	2	4	14.2	1	3.6	-	1	1	2	3.8	-	-
Total (All Causes)		**8**	**2**	**15**	**25**	**88.8**	**15**	**53.0**	**14**	**3**	**6**	**23**	**44.1**	**39**	**74.2**

Notes: Infant death rates per 10,000 live births. Stillbirth rates per 10,000 total births.

[1] Includes stillbirths with undetermined cause of death (coded to 779.9).

[2] Some infant deaths, which were still under investigation, may later be identified as SIDS.

[3] Includes infant deaths with interim or undetermined cause of death (coded to 799.9).

Cases with gender unknown are included.

Cases with unknown residence are excluded.

Table 7d

Selected Causes of Infant Deaths and Stillbirths

British Columbia, 1991 - 1998

Cause of Infant Death or Stillbirth	ICD9 Codes	Status Indians in North East							All Other North East Residents						
		Infant Deaths (age in days)					Stillbirths		Infant Deaths (age in days)					Stillbirths	
		<7	7-27	28-364	Total	Rate	No.	Rate	<7	7-27	28-36	Total	Rate	No.	Rate
Nervous system congenital anomalies	740-742	1	-	-	1	2.1	2	4.1	4	-	3	7	2.5	5	1.8
Congenital heart/circulatory system anomalies	745-747	-	-	2	2	4.1	1	2.1	5	3	6	14	5.1	1	0.4
Respiratory system congenital anomalies	748	1	-	-	1	2.1	-	-	3	2	-	5	1.8	-	-
Digestive system congenital anomalies	749-751	-	-	1	1	2.1	-	-	-	-	-	-	-	-	-
Renal system congenital anomalies	753	-	-	-	-	-	-	-	3	-	-	3	1.1	4	1.5
Musculoskeletal/oth congen anom	743-744, 752, 754-757	-	-	1	1	2.1	-	-	2	-	1	3	1.1	1	0.4
Chromosomal anomalies	758	-	1	-	1	2.1	-	-	4	-	-	4	1.5	6	2.2
Multiple congenital anomalies	759	-	-	-	-	-	-	-	3	-	1	4	1.5	1	0.4
Total deaths due to congenital anomalies	**740-759**	**2**	**1**	**4**	**7**	**14.5**	**3**	**6.2**	**24**	**5**	**11**	**40**	**14.5**	**18**	**6.5**
Maternal conditions not related to pregnancy	760	-	-	-	-	-	1	2.1	1	-	-	1	0.4	4	1.5
Complications of pregnancy/labour/delivery	761, 763	-	-	-	-	-	2	4.1	7	-	-	7	2.5	19	6.9
Complications of placenta/cord/membranes	762	2	-	-	2	4.1	12	24.8	7	-	-	7	2.5	71	25.7
Slow fetal growth and fetal malnutrition	764	-	-	-	-	-	-	-	2	-	-	2	0.7	5	1.8
Short gestation/unspecified low birth weight	765	4	-	-	4	8.3	-	-	16	-	-	16	5.8	9	3.3
Long gestation and high birth weight	766	-	-	-	-	-	-	-	-	-	-	-	-	2	1
Birth trauma	767	2	-	-	2	4.1	-	-	2	-	-	2	0.7	-	-
Intrauterine hypoxia and birth asphyxia	768	-	-	-	-	-	-	-	7	1	-	8	2.9	7	2.5
Respiratory conditions of the fetus/newborn	769-770	3	1	1	5	10.3	-	-	9	1	2	12	4.4	-	-
Infections specific to the perinatal period	771	-	-	-	-	-	-	-	4	1	-	5	1.8	1	0.4
Fetal and neonatal hemorrhage	772	1	-	-	1	2.1	-	-	2	-	-	2	0.7	3	1.1
Perinatal jaundice/oth hematological disorders	773-774, 776	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perinatal digestive system disorders	777	1	-	-	1	2.1	-	-	-	-	-	-	-	-	-
Integument/temperature regulation disorders	778	-	-	-	-	-	-	-	2	1	-	3	1.1	1	0.4
Other perinatal conditions[1]	775, 779	1	-	-	1	2.1	11	22.7	3	-	-	3	1.1	52	18.8
Total deaths due to perinatal complications	**760-779**	**14**	**1**	**1**	**16**	**33.1**	**26**	**53.5**	**62**	**4**	**2**	**68**	**24.7**	**174**	**62.7**
Pneumonia/influenza	480-487	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sudden Infant Death Syndrome (SIDS)[2]	798.0	-	-	13	13	26.9	-	-	-	1	24	25	9.1	-	-
Other causes[3]		-	-	10	10	20.7	-	-	4	1	18	23	8.3	10	3.6
Total (All Causes)		**16**	**2**	**28**	**46**	**95.2**	**29**	**59.6**	**90**	**11**	**55**	**156**	**56.6**	**202**	**72.8**

Notes: Infant death rates per 10,000 live births. Stillbirth rates per 10,000 total births.

[1] Includes stillbirths with undetermined cause of death (coded to 779.9).

[2] Some infant deaths, which were still under investigation, may later be identified as SIDS.

[3] Includes infant deaths with interim or undetermined cause of death (coded to 799.9).

Cases with gender unknown are included.

Cases with unknown residence are excluded.

Table 8

Infant Mortality by Age of Mother and Birth Weight

British Columbia, 1991 - 1998

Status Indians in B.C.							
Age of Mother	**Birth Weight (in grams)**						
(in years)	<1500	1500-2499	2500+	N.S.	Total	Rate	Status/ Other
< 20	19	14	35	1	69	14.7	1.7
20-24	19	12	56	-	87	11.1	2.1
25-29	15	13	38	2	68	11.0	2.6
30-34	9	5	13	2	29	7.6	1.7
35-39	2	1	5	-	8	6.0	1.2
40+	-	-	1	-	1	4.2	0.6
N.S.	-	-	1	11	12	-	
Total	**64**	**45**	**149**	**16**	**274**	**11.3**	**2.3**
Percent	23.4	16.4	54.4	5.8	100.0		

All Other B.C. Residents							
Age of Mother	**Birth Weight (in grams)**						
(in years)	<1500	1500-2499	2500+	N.S.	Total	Rate	Status/ Other
< 20	48	18	61	1	128	8.8	1.7
20-24	103	60	159	5	327	5.4	2.1
25-29	199	76	188	4	467	4.2	2.6
30-34	233	70	173	5	481	4.6	1.7
35-39	99	35	75	-	209	4.9	1.2
40+	25	6	14	1	46	6.8	0.6
N.S.	1	-	-	45	46	-	
Total	**708**	**265**	**670**	**61**	**1,704**	**5.0**	**2.3**
Percent	41.5	15.6	39.3	3.6	100.0		

Notes: N.S. - Not Stated

Rates per 1,000 live births in the specified age group.

Status/Other is the ratio of the Status Indian 1991-1998 rate to the rate for All Others in the area shown.

Cases with gender unknown (8 deaths) are included.

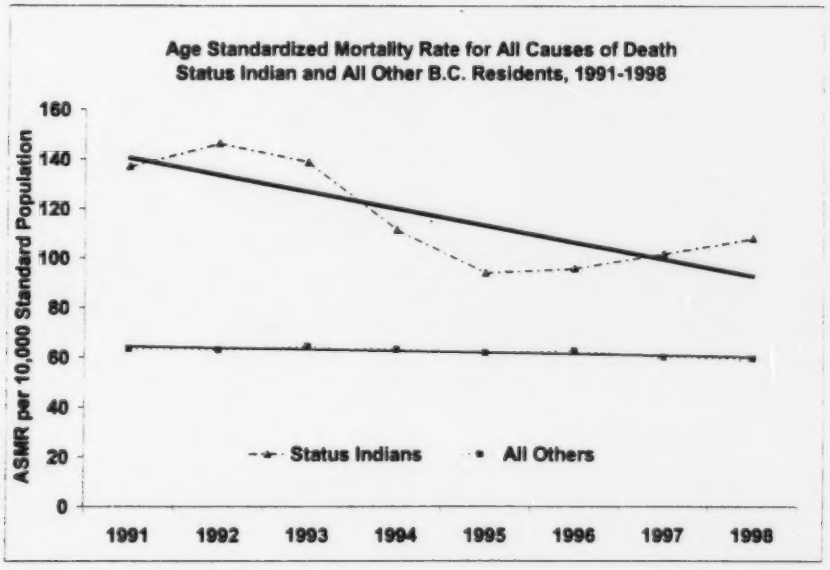
OVERVIEW OF MORTALITY STATISTICS

The following section discusses each of the major cause of death categories for Status Indians and all other B.C. residents, as well as noting major findings for Status Indians in the South Mainland, Vancouver Island, North West and North East areas. The analysis includes discussion of Age Standardized Mortality Rates (ASMR), and Potential Years of Life Lost (PYLL) measures. Generally, the analysis focuses on aggregate data for the 1991 to 1998 period. Annual data are provided in Appendix 2 Detailed Mortality Tables at the end of the report, but are generally not included in the analysis because of the small numbers involved.

Mortality statistics are provided in many tables. Table 9 presents causes of death by gender and age for Status Indians and all other B.C. residents, while similar information for the four administrative areas is presented in Tables 9a to 9d. Table 10 shows leading causes of death at the provincial level and the top five causes of death in each administrative area are shown in Table 11. ASMR and PYLL data are presented in Tables 12 to 12d and 13 to 13d. External causes of death by gender and age group are presented in Tables 14 to 14d.

ALL CAUSES

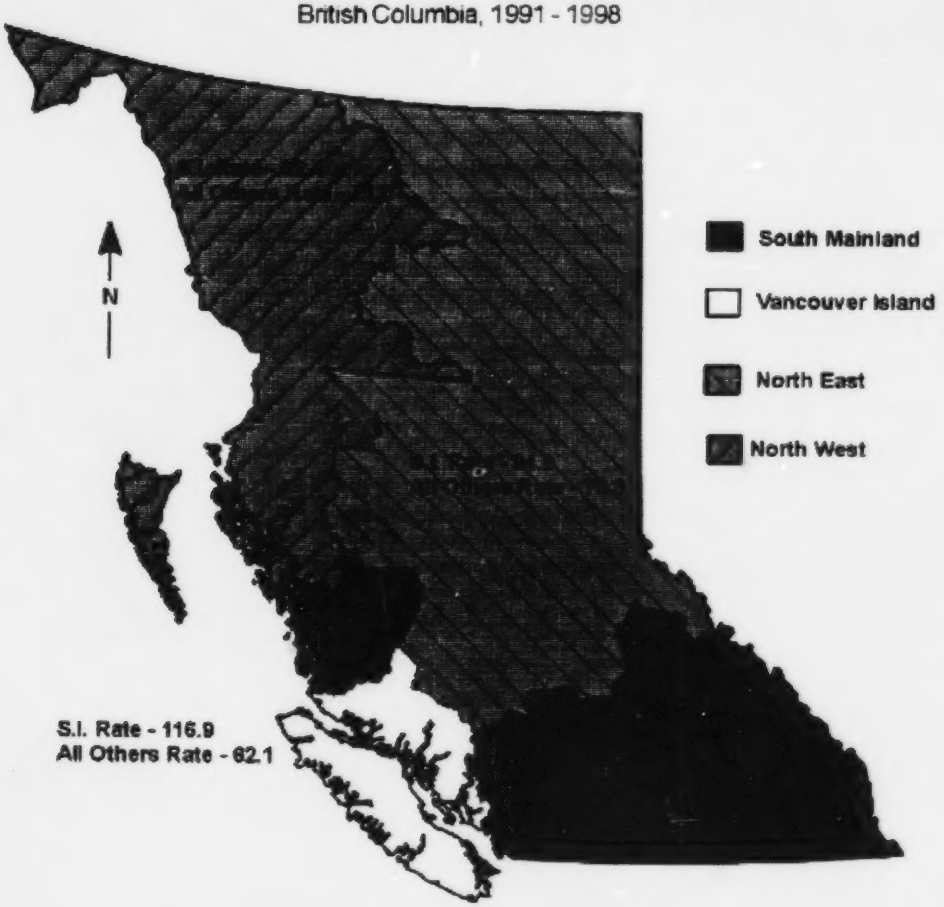
- In the 1991-1998 period, there were 5,680 Status Indian deaths, which was one out of every 37 deaths in the province. The aggregate Status Indian Age Standardized Mortality Rate (ASMR) of 114.6 per 10,000 standard population was 84% higher than the rate of 62.3 for other B.C. residents. Although the annual Status Indian ASMRs were increasing in the last three years, for the last five years they were still below the 1991-1998 aggregate rate, revealing a decreased mortality rate over the eight-year period.



- The South Mainland area had the highest Status Indian ASMR (137.5) and the lowest ASMR (61.7) for other area residents.

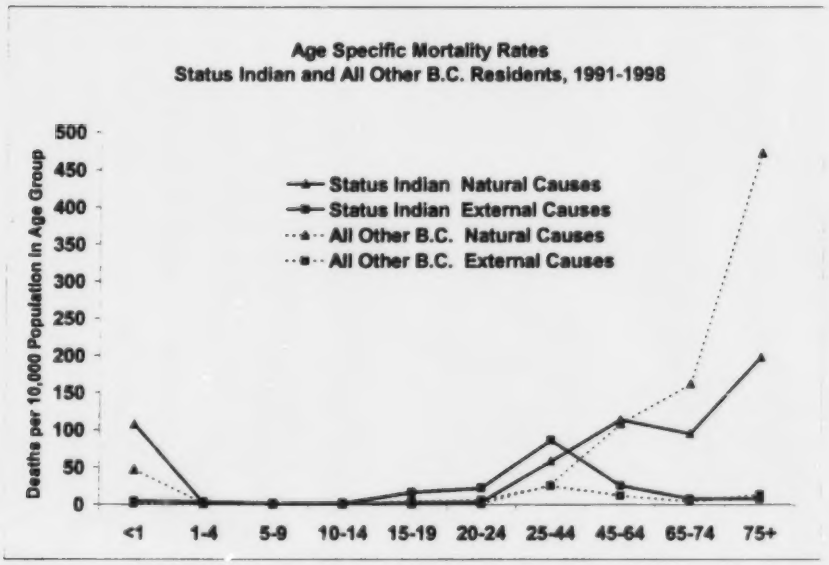
Status Indian: ASMR, All Causes of Death, by Area

British Columbia, 1991 - 1998



Note: S I - indicates Status Indians in the area
All Others - indicates rest of the population in the area
ASMR - Age Standardized Mortality Rate per 10,000 standard population
Cases with unknown residence are excluded

- There were 3,308 male and 2,372 female deaths in the Status Indian population in the eight year period. In this population, average age at death for males (approximately 50 years) was four years younger than females (54 years), compared to 68 and 72 for all other male and female deaths in the province. The Age Standardized Mortality Rate (ASMR) for males was 135.3 for Status Indians and 76.7 for all other B.C. males. For females, the ASMRs were 95.7 and 50.3, respectively.
- In general, the Status Indian population had higher mortality in the younger age groups. The average age at death among Status Indians was approximately 52 years compared to an average of 69 years for other B.C. residents. The differences by age groups were more striking. In the eight year period, 9.6% of the Status Indian deaths were children (under age 20) but among all other deaths in the province, only 1.8% were children. Similarly, seniors (age 65 or older) accounted for only 38.5% of Status Indian deaths but 76.9% of all other deaths.



Age Specific Mortality Rates

Cause of Death	Status Indians in B.C.									
	Age Group									
	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+
Natural Causes	107.7	1.8	1.0	1.7	2.8	3.8	58.0	113.9	94.9	197.1
External Causes	4.9	3.7	1.7	2.1	16.7	22.3	86.3	25.9	8.2	7.7
All causes	112.6	5.5	2.8	3.8	19.5	26.1	144.3	139.8	103.0	204.8

Cause of Death	All Other B.C. Residents									
	Age Group									
	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+
Natural Causes	47.1	1.4	0.8	0.8	1.1	1.4	26.8	108.5	161.5	471.4
External Causes	1.5	0.8	0.6	0.8	4.6	5.9	25.6	12.2	4.7	13.5
All causes	48.6	2.2	1.4	1.6	5.6	7.4	52.4	120.8	166.1	484.8

Note: Age Specific Mortality Rates - deaths per 10,000 population in specified age group.

- In total, 4,349 Status Indians were under the age of 75 years at the time of death. This represented 4.7% of the 92,961 'premature' deaths in the province. However, since the Status Indians are generally in the younger age groups, the Status Indian deaths accounted for more than 8.2% of the potential years of life lost in the province.

- In the youngest age group, infants under one year of age, the age specific mortality rate (ASR) from natural causes for Status Indian infants was twice the rate of other B.C. residents. This was due to the high rate of Sudden Infant Death Syndrome (SIDS) among Status Indian infants. In the age groups between 1 and 64 years of age, the two populations showed similar trends in ASRs from natural causes, which rose with age. After age 65, the ASRs showed large increases, especially among other B.C. residents.
- For deaths from external causes (accidents and violence), the age specific mortality rate peaked in the 25-44 age group, where the ASR for the Status Indian population was three times the ASR for other B.C. residents in the age group.

LEADING CAUSES OF DEATH

The causes of death used in the Table 11 *Leading Causes of Death Ranked by ASMR* are the sub-categories presented in the Detailed Mortality tables, which were based on categories in the Statistics Canada publication *Leading Causes at Different Ages*. To determine the leading causes, these categories were ranked by ASMR for 1991-1998 and, in the case of ties, by the number of deaths in the period.

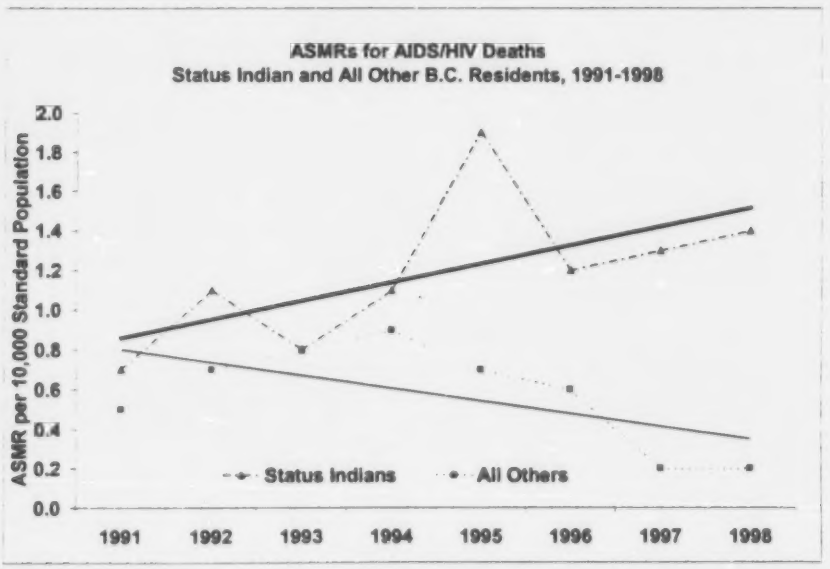
- In the provincial Status Indian population, the top five leading causes of death were, in order, ischaemic heart disease, cerebrovascular disease/stroke, gastrointestinal cancers, pneumonia/influenza, and respiratory system cancers. All five were also in the leading causes for all other B.C. residents, in a slightly different order with respiratory system cancers rating higher. Together, these five categories accounted for more than one quarter (27.3%) of Status Indian deaths and nearly one half (47.3%) of all other deaths in the province between 1991 and 1998.
- Ischaemic heart disease was the leading cause of death for all B.C. residents. Out of the 39,926 deaths from this cause over the eight year period, 603 deaths were Status Indians. The Status Indian ASMR was 17.0 per 10,000 standard population, compared to the provincial rate of 11.9.
- The other causes of death in the Status Indian top ten leading causes were, from sixth to tenth place respectively, motor vehicle traffic accidents, accidental poisoning, congestive heart failure, suicide, and chronic liver disease/cirrhosis. With the exception of congestive heart failure, none of these were among the top ten leading causes for other B.C. residents. The causes of death that were in the top ten for other B.C. residents but not for the Status Indian population were prostate cancer, female breast cancer, chronic pulmonary diseases, and female reproductive system cancers.
- Overall, accidents and violence categories (motor vehicle traffic accidents, accidental poisoning, suicide, and accidental falls) and diseases affecting the digestive or urinary system (chronic liver disease & cirrhosis and renal failure, nephritis, nephrosis) ranked higher in the Status Indian list of leading causes, and had ASMRs which were at least two and a half times the rates for the other B.C. residents. On the other hand, the ASMRs for cancers were generally similar in the two populations, and ranked lower in the Status Indian list of leading causes.
- Among other causes of death of interest, the Status Indian populations had ASMRs for homicide, accidental drowning, fire and flames, and SIDS that were between four and eight times higher that the rates for other B.C. residents.

- Regionally, ischaemic heart disease, cerebrovascular disease/stroke, and gastrointestinal cancers, which were in the leading causes of death at the provincial level, were also in the top five causes of death in all areas, for both the Status Indian and all other area populations.
- Leading causes found regionally in the top five for Status Indians only were motor vehicle traffic accidents (the second leading cause of death for Status Indians in the North East), accidental poisoning (the fifth leading cause of death for Status Indians in the South Mainland), and suicide (the fifth leading cause of death for Status Indians in Vancouver Island).

INFECTIOUS/PARASITIC DISEASES

Infectious and parasitic diseases include AIDS/HIV infections, tuberculosis, viral hepatitis, and septicemia.

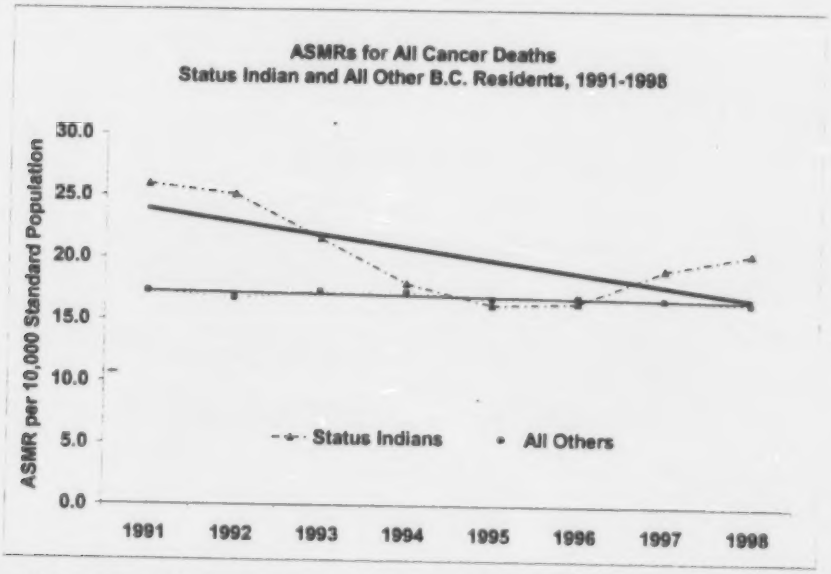
- In the eight year period, there were 192 Status Indian deaths from infectious/parasitic diseases. These deaths included 11 children (under 20 years of age) and 31 seniors (65 years or older). The Status Indian ASMR for infectious/parasitic diseases was 2.9 per 10,000 standard population, more than double the provincial rate of 1.1. The South Mainland area had the highest mortality rates for infectious/parasitic diseases, 3.7 for the Status Indian population and 1.3 for other area residents.
- AIDS/HIV infections accounted for more than half of the deaths from infectious diseases in both populations. AIDS/HIV claimed 108 Status Indian lives in the 1991-1998 period, 91 of which were males. Although the province saw a dramatic decline in the annual number of AIDS/HIV deaths between 1995 and 1998, this trend was not seen in the Status Indian population (see Appendix 2 Detailed Mortality Tables).



- For the eight year period, the Status Indian ASMR for deaths from AIDS/HIV infections was 1.2 deaths per 10,000 standard population. In comparison, the ASMR for all other B.C. residents was 0.6. On average, Status Indians who died from AIDS/HIV were 38.8 years old, two years younger than the average age of 40.8 years for other B.C. residents who died from this cause.

CANCERS

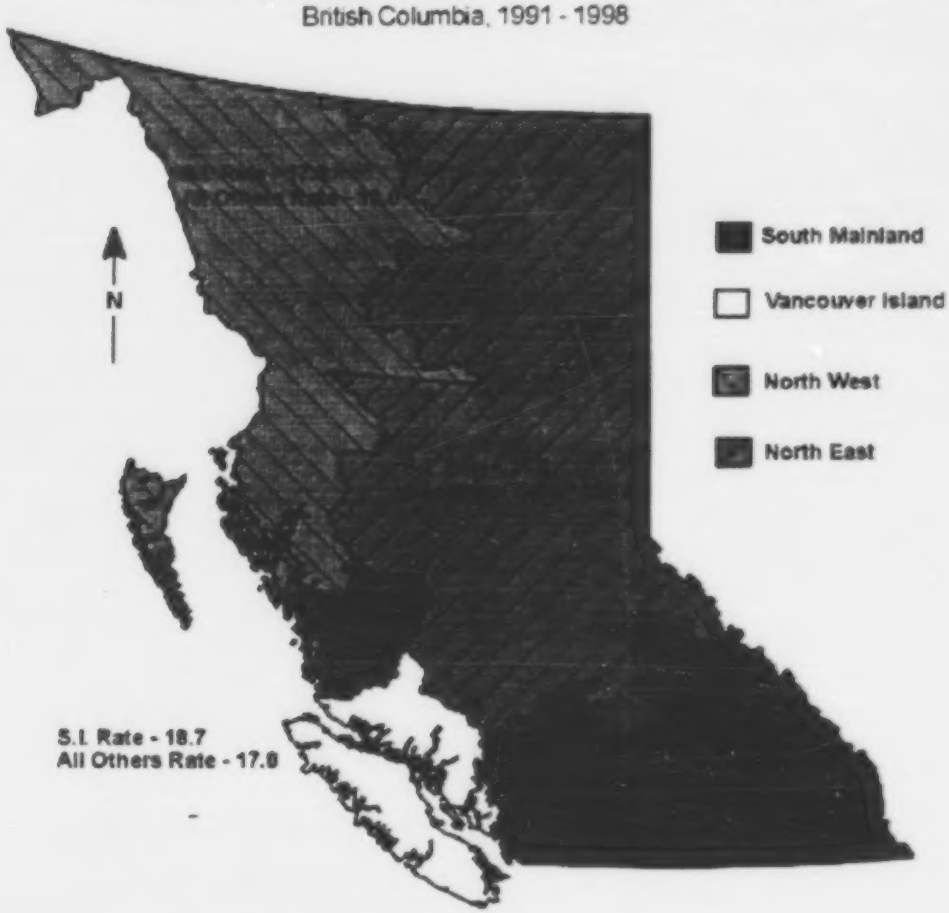
- There were 802 Status Indian deaths from cancers, or malignant neoplasms, in the 1991-1998 period or one in seven Status Indian deaths in the eight years. The Status Indian ASMR for cancer (20.1 deaths per 10,000 standard population) was higher than the rate of 16.9 for other B.C. residents. In many of the major cancer categories, the Status Indian population showed a slightly higher mortality rate for other B.C. residents. Over the eight years, the mortality rate from cancers showed a small but relatively steady decline for other B.C. residents, while cancer ASMRs in the Status Indian population were decreasing from 1991 to 1995 and then started an increasing trend from 1996 to 1998.
- Cancer claimed younger lives in the Status Indian population. Seventy percent of Status Indian cancer deaths were under 75 years of age, compared to only 59% of all other B.C. residents of this age group who died from cancers. Of these 'premature' deaths, the average age for a death from cancer was 57.2 years for Status Indians, almost five years younger than the average age of 62.4 years for all other B.C. residents.



- Of the four areas, the South Mainland had the highest Status Indian ASMR for cancers (24.0) and the lowest rate for all other residents (16.6). The Status Indian population had higher cancer mortality rates than the rest of the area populations in South Mainland and Vancouver Island areas.
- The provincial Status Indian ASMR for gastrointestinal cancers, 6.8 per 10,000 standard population, was about 40% higher than the rate for other B.C. residents. In the leading causes of death (based on ASMRs of categories shown in the Detailed Mortality Tables), gastrointestinal cancers, which include colorectal cancer, ranked third or fourth B.C. and all four areas for both Status Indian and other residents.
- Colorectal cancer claimed 78 Status Indian lives between 1991 and 1998. The ASMR for this specific cause of death was 2.0 deaths per 10,000 standard population, slightly above the rate of 1.5 for other B.C. residents.

Status Indian: ASMR, Deaths Due to Cancer, by Area

British Columbia, 1991 - 1998



Note: S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
ASMR - Age Standardized Mortality Rate per 10,000 standard population
Deaths with gender unknown or unknown residence are excluded

- Respiratory system cancers, which include lung cancer, was the fifth leading cause of death in the B.C. Status Indian population but the third for other B.C. residents. The Status Indian ASMR for respiratory system cancers (4.5) was lower than the rate for other B.C. residents (4.8).
- In the eight year period, 64 Status Indian women died from breast cancer and 16 died from cervical cancer. The Status Indian ASMR for female breast cancer (2.6) was slightly above the rate for other B.C. residents (2.5), while the rate for cervical cancer (0.5) was more than twice the rate (0.2) for other B.C. residents. Of these Status Indian deaths, more than 90% from cervical cancer and 75 % from breast cancer were aged 75 years or younger. The average age of these premature deaths was 53.3 years for breast cancer and 48.2 for cervical cancer, both younger than the comparable average ages in the other B.C. residents, 58.8 and 53.9, respectively.
- There were 47 deaths from prostate cancer in the Status Indian population in the 1991-1998 period. The ASMR for prostate cancer was 3.2 per 10,000 standard population was slightly above the rate of 2.7 for other B.C. residents. Of all the 'premature' deaths (age under 75) from this cause, the average age at the time of death was approximately 68 years in both populations.

Endocrine/Nutritional/Metabolic Diseases

Endocrine, nutritional, and metabolic diseases and immunity disorders include diabetes, cystic fibrosis and nutritional deficiencies.

- There were 141 Status Indian deaths from these causes in the 1991-1998 period, and 5,676 deaths from this cause among all other residents of the province. The Status Indian ASMR for endocrine/nutritional/metabolic diseases was 3.4 deaths per 10,000 standard population, which was double the rate of 1.7 for other B.C. residents. For Status Indian populations, the mortality rates from this cause were highest in the South Mainland and Vancouver Island areas; for other B.C. residents, the rates were highest in the North West and North East.
- In this category, diabetes was responsible for two thirds of Status Indian deaths and almost three-quarters of deaths among other B.C. residents from endocrine, nutritional, and metabolic diseases and immunity disorders. There were 94 Status Indian deaths from diabetes between 1991 and 1998. The ASMR for diabetes in the Status Indian population (2.5) was almost double the rate for all other B.C. residents (1.3). No trend was seen in these rates over the time period. The highest diabetes mortality rate was seen in the South Mainland Status Indian population (3.5) and the Status Indian rates were above the rates for other residents in both the South Mainland and Vancouver Island areas.

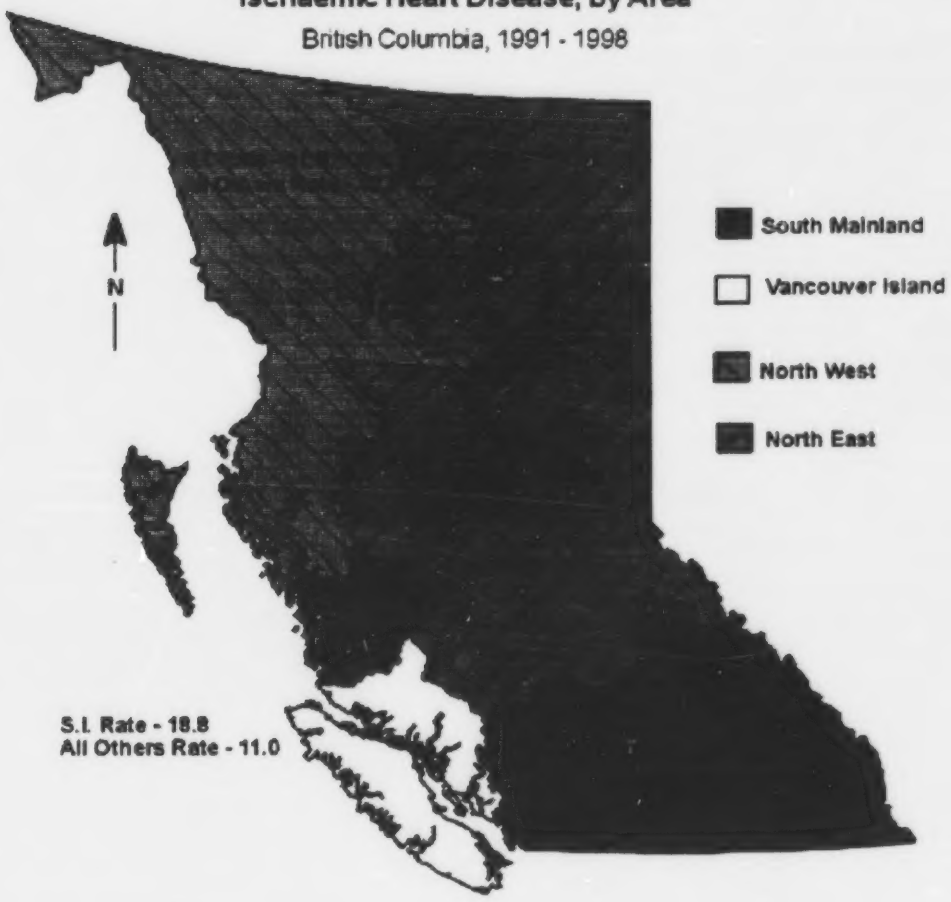
Circulatory System Diseases

Circulatory system diseases include heart diseases, cardiovascular disease or stroke, diseases of the arteries, cardiac dysrhythmia, cardiomyopathies, and congestive heart failure.

- There were 1,319 Status Indian deaths from circulatory system diseases in the 1991-1998 period. This cause of death was responsible for almost a quarter (23.2%) of Status Indian deaths in the eight years and over one third (37.5%) of deaths of all other B.C. residents.

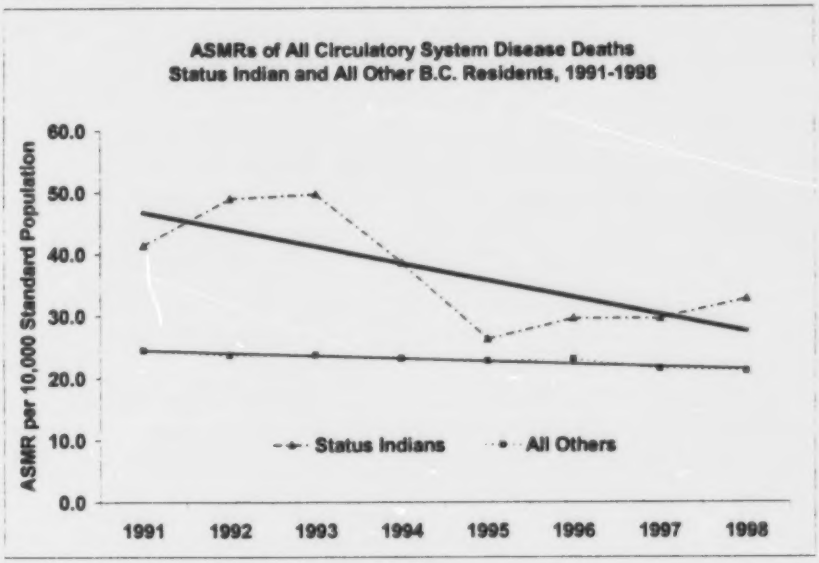
Status Indian: ASMR, Deaths Due to Ischaemic Heart Disease, by Area

British Columbia, 1991 - 1998



Note. S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
ASMR - Age Standardized Mortality Rate per 10,000 standard population
Deaths with gender unknown or unknown residence are excluded

- The Status Indian ASMR for deaths from circulatory system diseases (36.2 deaths per 10,000 standard population) was almost 60% higher than the rate of 22.9 for all other residents, however this gap was produced almost entirely by two areas. In both the South Mainland and Vancouver Island areas, the Status Indian ASMR was over 40 and almost twice the rates for other area residents. In the North West and North East areas, the Status Indian and 'All Others' mortality rates from circulatory system diseases were similar, ranging between 24.9 and 26.4.
- Ischaemic heart disease was the leading cause of death in both provincial and area populations. There were 603 Status Indian deaths from ischaemic heart disease in 1991-1998, producing an ASMR of 17.0 per 10,000 standard population, compared to an ASMR of 11.9 for other residents.
- Over the eight year period, both Status Indian and other area populations experienced slight improvements in the mortality rate from circulatory system diseases.



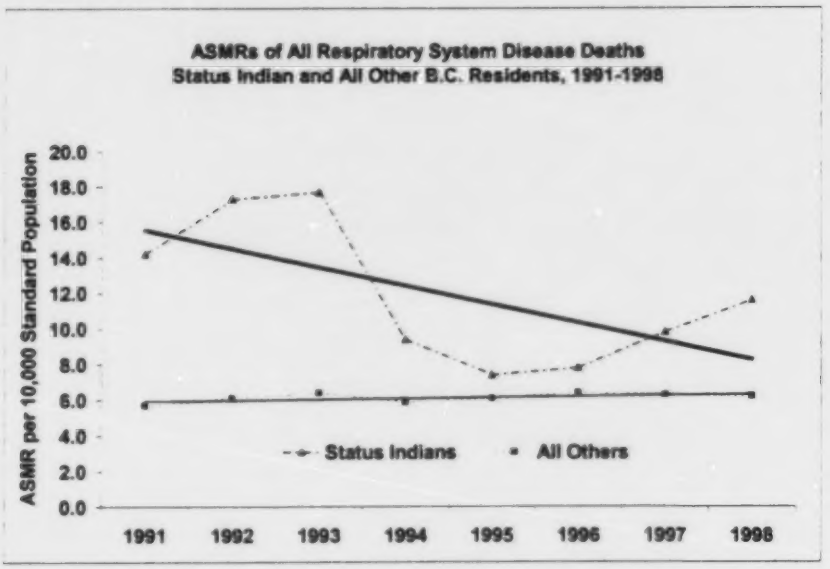
- Cerebrovascular disease/stroke was second leading cause of death in both the Status Indian (282 deaths and ASMR 7.9) and all other B.C. residents (16,693 deaths and ASMR 5.0). In both populations, the ASMRs for cerebrovascular disease/stroke were less than half the rates for ischaemic heart disease.

Respiratory System Diseases

Respiratory system diseases include pneumonia, influenza, chronic bronchitis, emphysema, asthma, and other chronic airway obstructions.

- There were 432 Status Indian deaths from respiratory system diseases in the eight year period. The Status Indian ASMR for this cause of death was 11.6 per 10,000 standard population, compared to rate of 6.1 for other residents of the province. Over the eight year period, there was considerable variation in the annual ASMRs for Status Indian population between 7.4 (1995) and 17.7 (1993) while rates for other B.C. residents varied less (from a low of 5.7 in 1991 to a high of 6.4 in 1996).

- Regionally, the two southern areas had the highest mortality rates from respiratory system diseases for Status Indians and the lowest rates for the rest of the area populations.
- Almost half of the 30 infant deaths in 1991-1998 which were from respiratory system diseases were Status Indian babies (14 deaths). The proportion of deaths which were Status Indian was much lower in among children aged 1 to 14, where only five of the 48 deaths were Status Indian children.
- Two thirds of Status Indian deaths from respiratory system diseases were seniors (aged 65 or older), while for the other B.C. residents more than 90 % were seniors. There were 233 'premature' deaths from respiratory system diseases (those under 75 years of age) in the Status Indian population. The younger age of Status Indian deaths from this cause is shown by the average potential years of life lost per death which was 22.0 years for Status Indians compared to only 9.5 years for other B.C. residents.
- More than half of the Status Indian deaths from respiratory system diseases were from pneumonia/influenza (235 deaths). Pneumonia/influenza was the fourth leading cause of death in the Status Indian population with an ASMR of 6.1 per 10,000 standard population. This was almost double the rate of 2.8 for other B.C. residents. Among the Status Indian regional populations, the pneumonia/influenza mortality rate for Status Indians in the South Mainland (7.4) was higher than the other three areas which ranged from 4.8 to 5.4.

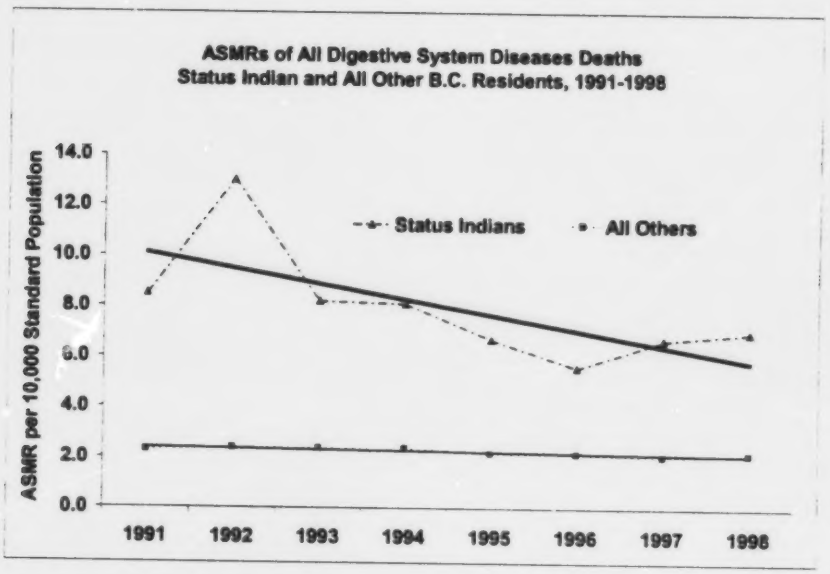


- Chronic pulmonary diseases (chronic bronchitis, emphysema and chronic obstructive pulmonary disease) caused 102 deaths in the Status Indian population between 1991 and 1998. The Status Indian ASMR was 3.2 deaths per 10,000 standard population, which was slightly higher than the rate of 2.4 for other B.C. residents. Chronic pulmonary diseases ranked eleventh in the list of leading causes of death for Status Indians and eighth among provincial leading causes.

DIGESTIVE SYSTEM DISEASES

Digestive system diseases include chronic liver disease/cirrhosis, ulcers, enteritis and colitis, and gastrointestinal hemorrhages.

- There were 374 deaths in the Status Indian population from digestive system diseases in the 1991-1998 period. The Status Indian ASMR for this broad category was 7.8 deaths per 10,000 standard population, which was amore than three times the rate of 2.3 for other B.C. residents. For the four administrative areas, the highest ASMR for this cause was in the South Mainland for the Status Indian population (9.7) and the North East for all other area residents (2.7).
- The largest sub-category of digestive system diseases was chronic liver disease/cirrhosis which ranked tenth in the list of leading causes of death in the Status Indian population, compared to twentieth in the list for other B.C. residents. There were 187 Status Indian deaths from this in the 1991-1998 period for an ASMR of 3.2 deaths per 10,000 standard population, which was five times the ASMR of 0.6 for all other B.C. residents.



CONGENITAL ANOMALIES

This category consists of birth defects and chromosomal anomalies including Down's Syndrome.

- In the 1991-1998 period, there were 46 deaths from congenital anomalies in the Status Indian population. The ASMR for this cause was 0.3 for both the Status Indian and other B.C. residents.

PERINATAL CONDITIONS

Deaths from conditions originating in the perinatal period (perinatal complications) include obstetric complications, immaturity, birth asphyxia, and respiratory distress syndrome.

- There were 67 Status Indian deaths from perinatal conditions in the 1991-1998 period, for an ASMR of 0.4 per 10,000 standard population which was slightly above the rate for other residents of the province (0.3).

Risk Factors: Alcohol, Drugs, and Smoking

- There were 1,336 alcohol-related deaths in the Status Indian population between 1991 and 1998. This category includes deaths where the underlying cause of death was related to alcohol, such as liver disease/cirrhosis, and 'indirect' alcohol deaths for which alcohol was noted on the medical certification of death form but the underlying cause of death was not due to alcohol.
- In the Status Indian population there were 21.8 alcohol-related deaths per 10,000 standard population. This ASMR was dramatically higher than the rate of 3.5 for all other B.C. residents. The highest Status Indian mortality rate from this cause was in the South Mainland (27.4) and the lowest was in the North West area (13.2). The highest rate for other B.C. residents was 5.3 in the North West area.
- There were 353 drug induced deaths in the Status Indian population in the eight year period. This grouping, based on underlying causes of death, includes drug dependence, accidental drug poisoning, and suicides involving drugs. Provincially, the ASMR for drug induced deaths was 3.8 for the Status Indian population and 1.1 for all other B.C. residents. Regionally, the South Mainland had the highest mortality rate from this cause, 5.4 for the Status Indian population and 1.2 for other residents of the area.
- In the eight year period, 699 Status Indian deaths were attributed to smoking. For an explanation of the methodology, please refer to the glossary. The provincial ASMRs were 18.6 for Status Indians and 13.3 for other B.C. residents.

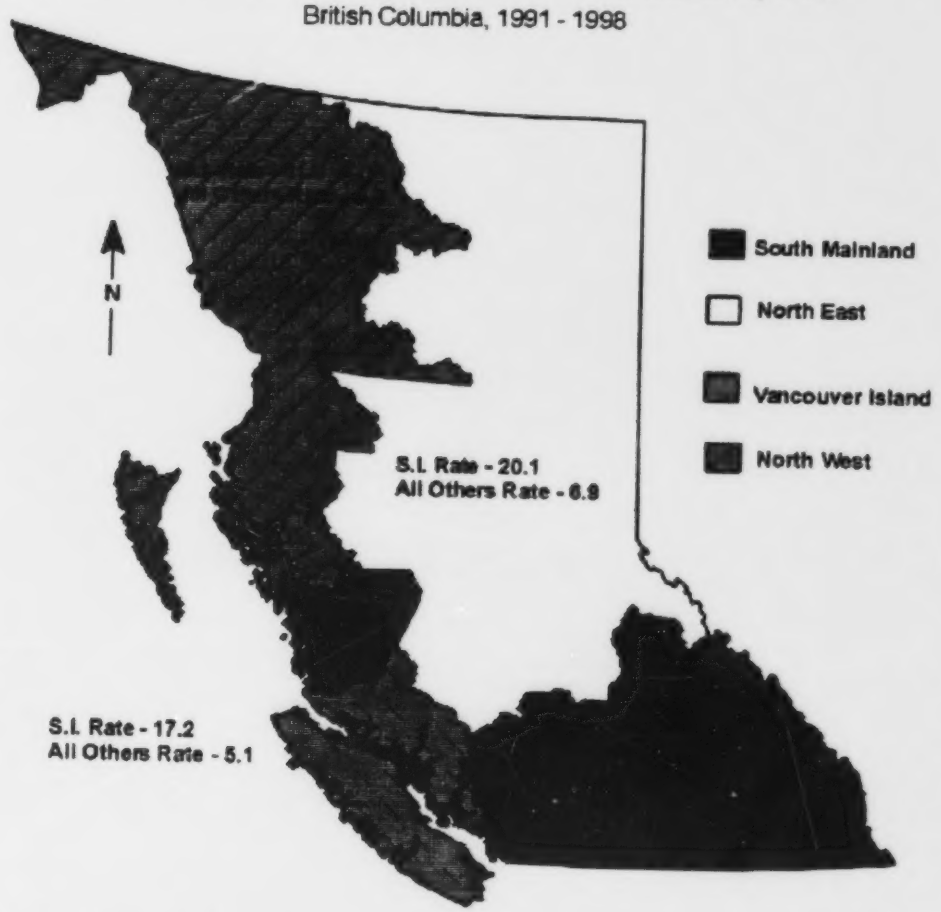
Accidents and Violence (External Causes of Death)

Deaths from external causes include motor vehicle traffic accident fatalities, accidental deaths from drowning, poisoning, falls, fire and flames, and deaths from intentional injuries such as suicide and homicide.

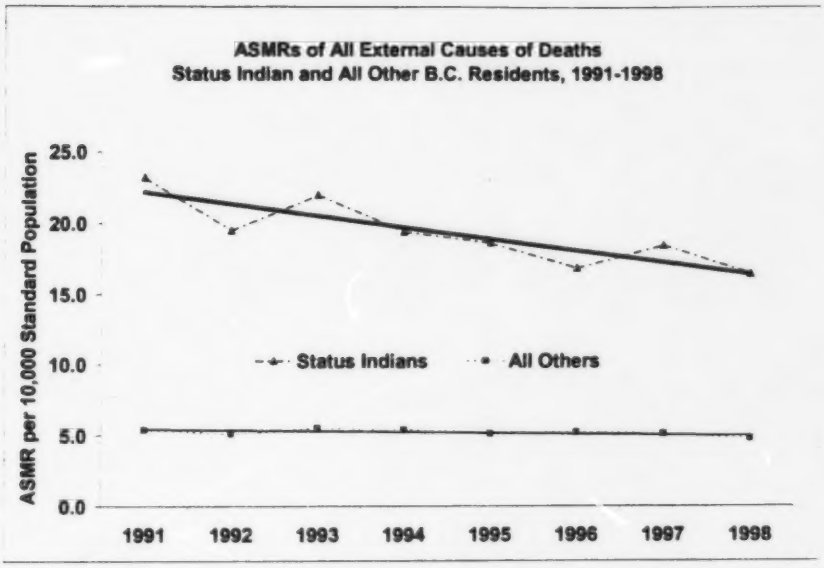
- Accidents and violence were the cause of death in about 40% of Status Indian deaths of children between 1 and 19 years of age, and 35% of deaths of other children in the age group. Among deaths of young adults aged 20-24, approximately four out of five in both populations were due to accidents and violence.
- In both the Status Indian and other B.C. residents, seven out of every ten deaths from accidents and violence were males.
- Accidents and violence accounted for 1,603 Status Indian deaths, or two out of every seven Status Indian death in the eight years. Among other B.C. residents, less than one in ten was from external causes. The Status Indian ASMR is this category, 19.2 deaths per 10,000 standard population, was more than three and a half times the rate for other B.C. residents (5.2).
- More than 63,000 potential years of life were lost in the Status Indian population due to deaths from accidents and violence. The average PYLL for these deaths was 40.6 years for Status Indians compared to 35.3 years for other B.C. residents.

Status Indian: ASMR, External Causes of Death, by Area

British Columbia, 1991 - 1998



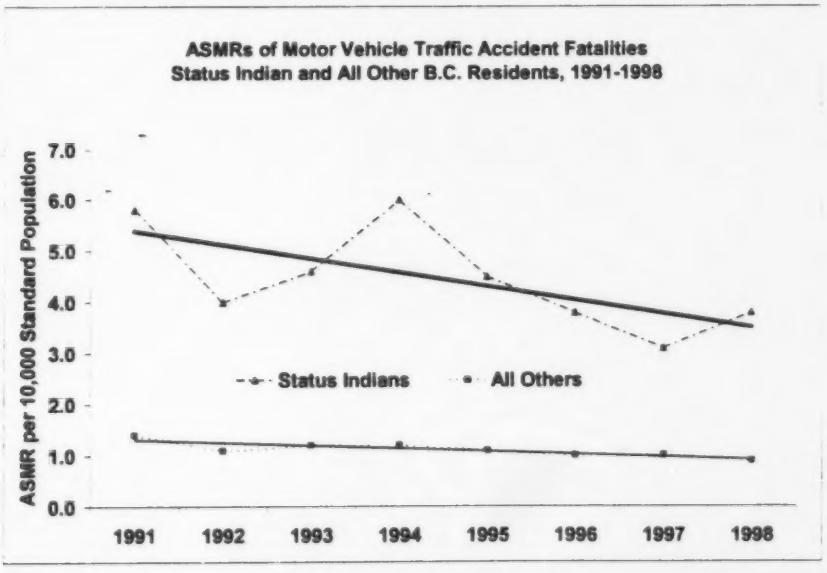
Note: S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
ASMR - Age Standardized Mortality Rate per 10,000 standard population
Deaths with unknown usual residence are excluded



- In the four areas, the Status Indian ASMRs for external causes of death were higher than those for other residents in every area. Of the Status Indian populations, the North West had the lowest ASMR for all external causes of death (11.8) which was roughly half the highest rate of 22.1 in the South Mainland.

MOTOR VEHICLE TRAFFIC ACCIDENTS

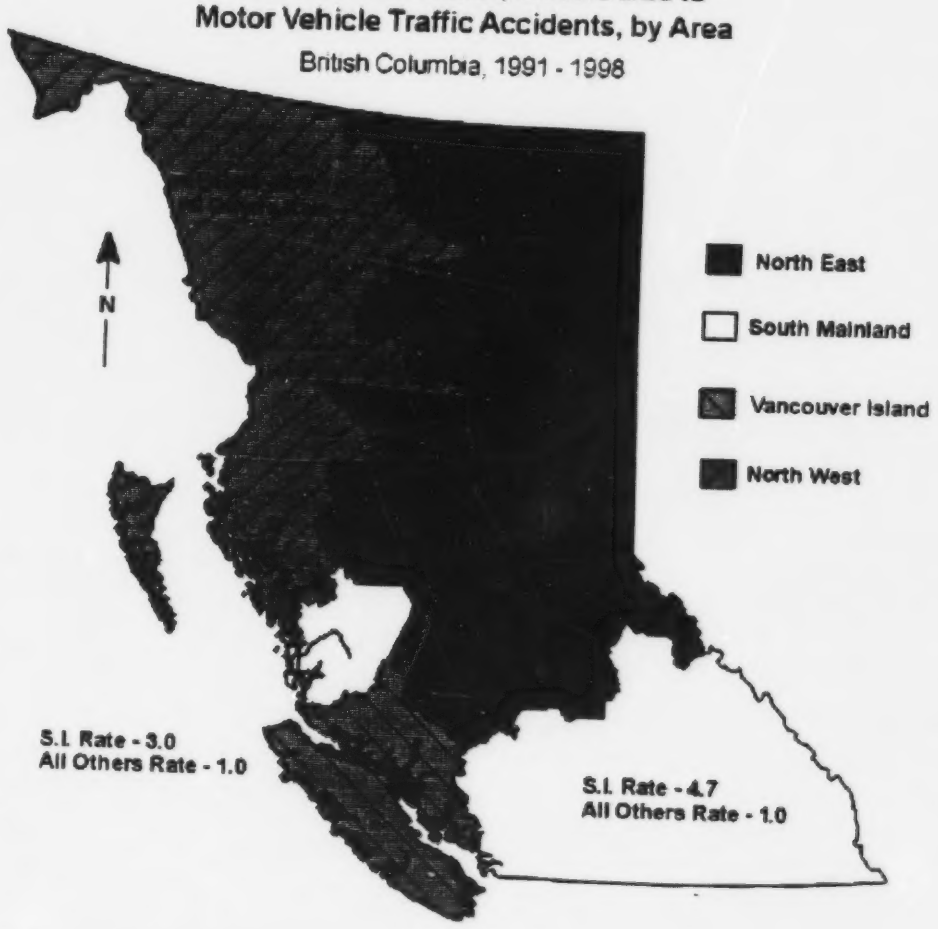
- Motor vehicle traffic accidents (MVTA) were responsible for the largest number of Status Indian deaths from external causes (390 deaths) in 1991-1998. The Status Indian ASMR for MVTA deaths (4.4 per 10,000 standard population) was four times the rate for all other residents of the province (1.1).



- The regional ASMRs for MVTA deaths for Status Indians was highest in the North East (7.1 per 10,000 standard population) and lowest in the North West (2.0). For the other area resident in the four areas, the North East had the highest (2.1).

Status Indian: ASMR, Deaths Due to Motor Vehicle Traffic Accidents, by Area

British Columbia, 1991 - 1998



Note: S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
ASMR - Age Standardized Mortality Rate per 10,000 standard population
Deaths with unknown usual residence are excluded

- Approximately seven out of ten Status Indian deaths from MVTA were males. This pattern is also seen for other residents in the province. This is a major cause of death of young males between 15 and 24 years of age in both populations.

Accidental Poisoning

- Accidental poisoning, which includes poisoning deaths caused by food, plants, chemicals, alcohol or drugs, was responsible for 349 Status Indian deaths in 1991-1998 and had the second highest ASMR among the external cause of death sub-categories. The Status Indian ASMR for accidental poisoning deaths (3.8 per 10,000 standard population) was more than four times the rate for other B.C. residents (0.9).
- In the 1991-1998 period, 12 of the 59 children (age 19 or younger) who died from accidental poisoning were Status Indian children. Children accounted for 3.4% of all accidental poisoning deaths in the Status Indian population, but only 1.8% of deaths from this cause for other B.C. residents. The average PYLL for accidental poisoning deaths was 37.8 years for Status Indians was similar to 35.5 years for other B.C. residents.
- Status Indians in the South Mainland had the highest ASMR for accidental poisoning deaths, 5.8 per 10,000 standard population, which was at least twice the ASMR for the Status Indian populations in other areas. It was also more than six times higher than the ASMR for accidental poisoning deaths for other residents in the South Mainland (0.9), which was the highest among the four areas.

Accidental Falls

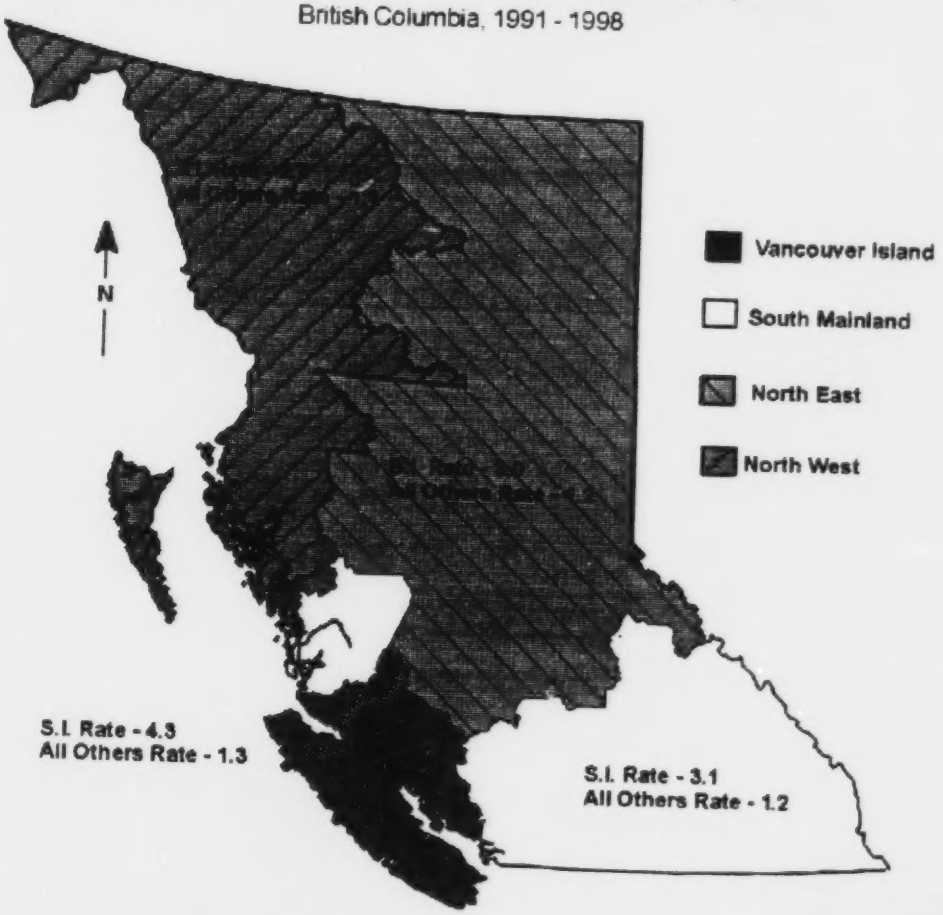
- Of all deaths from accidental falls over the eight year period, less than one in twenty was a Status Indian (106 Status Indian deaths out of 2,732). Generally, accidental falls resulting in death occur mainly in the elderly population. Among other B.C. residents, three quarters (75.0%) of deaths from accidental falls were seniors aged 75 or older. However, among Status Indians, only three out of ten (29.2%) were in this oldest age group.
- The ASMR for deaths from accidental falls for 1991-1998 was 2.3 for Status Indians and 0.8 for other B.C. residents. The average PYLL for premature deaths from accidental falls (under 75 years of age) was 28.8 years for Status Indians compared to 22.8 years for other B.C. residents.
- Status Indians in South Mainland and the North East areas had the highest 1991-1998 ASMRs for deaths from accidental falls, both at 2.5, while Vancouver Island and North West ASMRs were 1.9 and 1.8, respectively. The accidental falls ASMRs for other B.C. residents were lower than Status Indian rates, ranging from 0.7 in South Mainland to 1.1 in North West.

Suicide

- There were 320 Status Indian suicides in the eight-year period; the Status Indian ASMR for suicide (3.3 per 10,000 standard population) was almost three times the rate for other B.C. residents (1.2). For other residents in the province, suicide was responsible for the largest number of deaths and had the highest ASMR among all the sub-categories of accidents and violence.

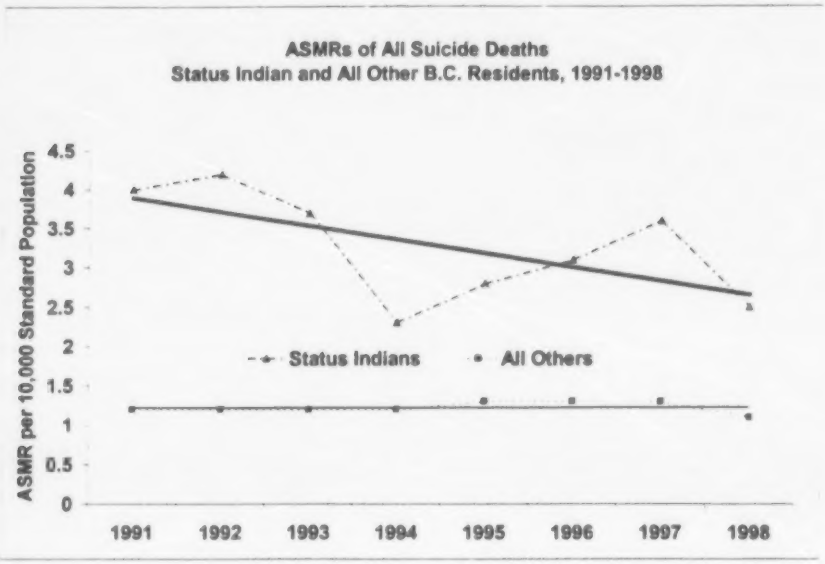
Status Indian: ASMR, Deaths Due to Suicide, by Area

British Columbia, 1991 - 1998



Note: S.I. - indicates Status Indians in the area
All Others - indicates rest of the population in the area
ASMR - Age Standardized Mortality Rate per 10,000 standard population
Deaths with unknown usual residence are excluded

- In the Status Indian population, suicide was the third highest sub-category of accidents and violence after motor vehicle traffic accidents and accidental poisoning. Males accounted for more than three-quarters of the suicide deaths between 1991 and 1998 in both populations.



- Among children (age 19 or younger), there were 54 Status Indian suicides and 168 suicides of other B.C. residents in 1991-1998. More than a quarter of the Status Indian deaths aged 15-19 were suicides (48 out of the 167 deaths in the age group), a percentage twice that for suicide deaths in this age group for other residents in the province (139 suicides out of 1034 deaths).
- In the 1991-1998 period, the average age of Status Indian suicide deaths (of deaths under 75 year of age) was more than ten years younger than the average suicide for the rest of the B.C. population: 30.5 years old compared to 42.4, based on the average PYLL per death under 75 years.
- Of the four areas, Vancouver Island had the highest suicide rates in both populations. The Vancouver Island ASMRs for suicide were 4.3 for Status Indians and 1.3 for all other area residents.

Homicide

- Between 1991 and 1998, there were 114 Status Indian homicides. The Status Indian ASMR for homicides was 1.2 per 10,000 standard population, four half times the ASMR of 0.3 for other B.C. residents.
- Over the 1991 to 1998 period, approximately two thirds of homicide victims were male in both populations.
- The ASMRs for homicides for the Status Indian populations ranged from 0.4 per 10,000 standard population in the North West to 1.6 in the North East. The rates for the other area populations ranged between 0.2 and 0.3.

Fire and Flames

- Out of 284 deaths from fire and flames in the province between 1991 and 1998, 61 occurred in the Status Indian population. Although the Status Indian ASMR was only 0.8 deaths per 10,000 standard population, this rate was eight times the rate for other B.C. residents of 0.1.
- Fire and flames were responsible for 58 deaths of children (age 19 years or younger) during 1991-1998, 18 of which were Status Indian children.
- Status Indians in Vancouver Island and the North East areas had ASMRs for deaths from fire and flames that were more than ten times the ASMRs for fire and flame deaths of other residents in these areas.

Drowning

- There were 78 deaths from accidental drowning in the Status Indian population in the 1991-1998 period. Although the ASMR for drowning was only 0.9 per 10,000 standard population in the Status Indian population, this rate was four and a half times the rate for other B.C. residents of 0.2.
- Over the 1991 to 1998 period, approximately four fifths of drowning deaths were male (89.7% of Status Indians and 83.1% for other B.C. residents).
- There were 12 Status Indian children (age 19 years or younger) out of a total of 114 children in the province who died from accidental drowning in the eight year period.
- The Status Indian ASMRs for drowning deaths were very similar in all the areas (ranging from 0.8 to 1.0 deaths per 10,000 standard population.)

Table 9
Causes of Death by Gender and Age
British Columbia 1991 - 1998

Status Indians in B.C.															
			Age Group (in years)										Total		
Causes of Death	ICD9 Codes	Gender	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	6	-	-	-	-	1	81	30	6	7	131	4.0	3.7
		F	2	1	1	1	-	-	22	16	9	9	61	2.6	2.1
		T	8	1	1	1	-	1	103	46	15	16	192	3.4	2.9
Neoplasms	140-239	M	1	-	2	3	2	2	38	132	121	130	431	13.0	23.3
		F	-	1	1	2	1	2	47	123	87	118	382	16.1	17.7
		T	1	1	3	5	3	4	85	255	208	248	813	14.3	20.4
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	4	-	-	-	1	-	3	22	18	16	64	1.9	3.3
		F	3	-	-	-	1	1	5	28	21	18	77	3.2	3.5
		T	7	-	-	-	2	1	8	50	39	34	141	2.5	3.4
Disease of blood and blood-forming organs	280-289	M	-	-	-	-	-	-	-	4	1	3	8	0.2	0.4
		F	-	-	-	-	-	-	1	5	2	3	11	0.5	0.5
		T	-	-	-	-	-	-	1	9	3	6	19	0.3	0.4
Mental disorders	290-319	M	-	-	-	1	1	-	40	52	22	16	132	4.0	5.2
		F	-	-	-	-	1	2	34	21	4	13	75	3.2	2.4
		T	-	-	-	1	2	2	74	73	26	29	207	3.6	3.8
Diseases of the nervous system and sense organs	320-389	M	3	2	-	-	1	4	10	8	10	13	51	1.5	2.3
		F	3	1	-	2	-	-	12	8	9	10	45	1.9	1.8
		T	6	3	-	2	1	4	22	16	19	23	96	1.7	2.0
Diseases of the circulatory system	390-459	M	5	2	1	1	4	2	42	218	190	274	739	22.3	41.9
		F	1	-	1	1	1	3	46	111	117	299	580	24.5	30.9
		T	6	2	2	2	5	5	88	329	307	573	1,319	23.2	36.2
Diseases of the respiratory system	460-519	M	7	2	-	1	2	2	14	48	51	104	231	7.0	13.3
		F	7	1	-	1	-	3	20	40	34	95	201	8.5	10.0
		T	14	3	-	2	2	5	34	88	85	199	432	7.6	11.6
Diseases of the digestive system	520-579	M	3	-	-	1	-	1	31	75	37	33	181	5.5	8.2
		F	-	-	-	-	-	-	46	90	21	36	193	8.1	7.4
		T	3	-	-	1	-	1	77	165	58	69	374	6.6	7.8
Diseases of the genitourinary system	580-629	M	2	-	-	-	-	1	-	5	8	24	40	1.2	2.6
		F	1	-	-	-	-	-	3	10	8	25	47	2.0	2.5
		T	3	-	-	-	-	1	3	15	16	49	87	1.5	2.5
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	1	-	3	-	-	-	4	0.2	0.1
		T	-	-	-	-	1	-	3	-	-	-	4	0.1	0.1
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	-	1	-	-	1	0.0	0.0
		F	-	-	-	-	-	-	1	3	-	1	5	0.2	0.2
		T	-	-	-	-	-	-	1	4	-	1	6	0.1	0.1
Diseases of the musculoskeletal system and connective tissue	710-739	M	-	-	-	-	-	1	1	7	2	3	14	0.4	0.6
		F	-	-	-	-	-	1	7	17	5	8	38	1.6	1.5
		T	-	-	-	-	-	2	8	24	7	11	52	0.9	1.1
Congenital anomalies	740-759	M	19	-	2	1	1	-	4	-	-	1	28	0.8	0.4
		F	11	-	2	-	-	3	2	-	-	-	18	0.8	0.3
		T	30	-	4	1	1	3	6	-	-	1	46	0.8	0.3
Certain conditions originating in the perinatal period	760-779	M	37	-	-	-	-	-	-	-	-	-	37	1.1	0.4
		F	30	-	-	-	-	-	-	-	-	-	30	1.3	0.4
		T	67	-	-	-	-	-	-	-	-	-	67	1.2	0.4
Symptoms, signs, and ill-defined conditions	780-790	M	70	3	-	-	4	2	20	16	4	11	130	3.9	3.0
		F	47	1	-	-	3	3	14	10	3	11	92	3.9	2.1
		T	117	4	-	-	7	5	34	26	7	22	222	3.9	2.5
External causes	E800-E999	M	4	17	11	14	99	151	557	173	44	20	1,090	33.0	26.6
		F	8	12	6	5	44	50	257	77	24	30	513	21.6	12.4
		T	12	29	17	19	143	201	814	250	68	50	1,603	28.2	19.2
All causes		**M**	**161**	**26**	**16**	**22**	**115**	**167**	**841**	**791**	**514**	**655**	**3,308**	**100.0**	**135.3**
		F	**113**	**17**	**11**	**12**	**52**	**68**	**520**	**550**	**344**	**676**	**2,372**	**100.0**	**95.7**
		T	**274**	**43**	**27**	**34**	**167**	**235**	**1,361**	**1,350**	**858**	**1,331**	**5,680**	**100.0**	**114.6**

Notes: *Totals exclude 8 infant deaths with gender unknown.

Table 9
Causes of Death by Gender and Age
British Columbia 1991 - 1998

All Other B.C. Residents															
			Age Group (in years)										Total		
Causes of Death	ICD9 Codes	Gender	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	8	5	4	4	8	21	1,210	650	236	379	2,525	2.3	1.7
		F	6	9	5	2	8	13	111	117	168	585	1,024	1.1	0.6
		T	14	14	9	6	16	34	1,321	767	404	964	3,549	1.8	1.1
Neoplasms	140-239	M	10	12	26	31	37	48	915	7,006	9,507	12,112	29,704	27.4	20.8
		F	3	25	31	25	26	34	1,209	6,268	7,239	11,093	25,953	27.5	14.6
		T	13	37	57	56	63	82	2,124	13,274	16,746	23,205	55,657	27.5	17.2
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	17	7	3	-	5	12	113	481	735	1,430	2,803	2.6	2.0
		F	14	3	6	5	6	13	61	267	540	1,958	2,873	3.0	1.5
		T	31	10	9	5	11	25	174	748	1,275	3,388	5,676	2.8	1.7
Disease of blood and blood-forming organs	280-289	M	1	2	1	1	-	2	10	43	69	222	351	0.3	0.3
		F	2	1	2	2	3	-	9	36	63	288	406	0.4	0.2
		T	3	3	3	3	3	2	19	79	132	510	757	0.4	0.2
Mental disorders	290-319	M	-	-	-	-	1	4	138	325	299	1,144	1,911	1.8	1.4
		F	-	-	-	-	1	2	42	118	189	2,164	2,516	2.7	1.3
		T	-	-	-	-	2	6	180	443	488	3,308	4,427	2.2	1.3
Diseases of the nervous system and sense organs	320-389	M	16	15	6	11	13	15	110	305	477	1,459	2,427	2.2	1.7
		F	15	7	7	8	10	11	88	263	432	2,019	2,860	3.0	1.5
		T	31	22	13	19	23	26	198	568	909	3,478	5,287	2.6	1.6
Diseases of the circulatory system	390-459	M	14	11	4	8	16	22	714	5,808	9,453	23,326	39,376	36.4	28.1
		F	8	7	5	12	9	15	312	1,955	5,214	29,157	36,694	38.9	18.6
		T	22	18	9	20	25	37	1,026	7,763	14,667	52,483	76,070	37.5	22.9
Diseases of the respiratory system	460-519	M	10	12	5	5	4	7	110	838	2,166	7,694	10,851	10.0	7.9
		F	6	6	7	8	6	1	58	474	1,414	7,674	9,654	10.2	4.9
		T	16	18	12	13	10	8	168	1,312	3,580	15,368	20,505	10.1	6.1
Diseases of the digestive system	520-579	M	7	7	4	1	7	5	219	970	924	1,609	3,753	3.5	2.6
		F	3	2	2	3	-	2	113	470	647	2,423	3,665	3.9	1.9
		T	10	9	6	4	7	7	332	1,440	1,571	4,032	7,418	3.7	2.3
Diseases of the genitourinary system	580-629	M	1	1	-	-	1	2	27	127	295	1,088	1,542	1.4	1.1
		F	-	1	-	-	-	2	13	108	224	1,188	1,536	1.6	0.8
		T	1	2	-	-	1	4	40	235	519	2,276	3,078	1.5	0.9
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	1	1	9	-	-	-	11	0.0	0.0
		T	-	-	-	-	1	1	9	-	-	-	11	0.0	0.0
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	2	9	11	57	79	0.1	0.1
		F	-	-	-	-	-	-	-	7	15	111	133	0.1	0.1
		T	-	-	-	-	-	-	2	16	26	168	212	0.1	0.1
Diseases of the musculoskeletal system and connective tissue	710-739	M	1	-	-	1	1	-	3	31	65	151	253	0.2	0.2
		F	-	-	1	2	1	1	20	76	93	435	629	0.7	0.3
		T	1	-	1	3	2	1	23	107	158	586	882	0.4	0.3
Congenital anomalies	740-759	M	292	30	12	9	7	10	46	48	13	29	496	0.5	0.4
		F	200	17	11	5	3	6	42	47	23	41	395	0.4	0.3
		T	492	47	23	14	10	16	88	95	36	70	891	0.4	0.3
Certain conditions originating in the perinatal period	760-779	M	412	-	-	-	-	-	-	-	-	-	412	0.4	0.3
		F	342	1	-	-	-	-	-	-	-	-	343	0.4	0.3
		T	754	1	-	-	-	-	-	-	-	-	755	0.4	0.3
Symptoms, signs, and ill-defined conditions	780-790	M	151	18	4	4	15	26	168	147	108	324	965	0.9	0.7
		F	103	7	3	3	10	6	63	64	57	685	1,001	1.1	0.6
		T	254	25	7	7	25	32	231	211	165	1,009	1,966	1.0	0.6
External causes	E800-E999	M	31	69	66	104	615	925	4,565	2,318	739	1,436	10,868	10.0	7.6
		F	23	47	42	52	220	228	1,102	735	435	1,727	4,611	4.9	2.8
		T	54	116	108	156	835	1,153	5,667	3,053	1,174	3,163	15,479	7.6	5.2
All causes		**M**	**971**	**189**	**135**	**179**	**730**	**1,099**	**8,350**	**19,106**	**25,097**	**52,460**	**108,316**	**100.0**	**76.7**
		F	**725**	**133**	**122**	**127**	**304**	**335**	**3,252**	**11,005**	**16,753**	**61,548**	**94,304**	**100.0**	**50.3**
		T	**1,696**	**322**	**257**	**306**	**1,034**	**1,434**	**11,602**	**30,111**	**41,850**	**114,008**	**202,620**	**100.0**	**62.3**

Notes: *Totals exclude 8 infant deaths with gender unknown.

Table 9a
Causes of Death by Gender and Age
British Columbia 1991 - 1998

Status Indians in South Mainland															
			Age Group (in years)										Total		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	2	-	-	-	-	1	54	24	4	3	88	5.2	5.3
		F	1	-	1	-	-	-	13	8	3	4	30	2.4	2.1
		T	3	-	1	-	-	1	67	32	7	7	118	4.0	3.7
Neoplasms	140-239	M	1	-	-	2	2	2	13	57	52	67	196	11.6	26.6
		F	-	-	-	2	-	1	31	63	50	59	206	16.7	22.0
		T	1	-	-	4	2	3	44	120	102	126	402	13.8	24.1
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	2	-	-	-	1	-	1	12	12	7	35	2.1	4.4
		F	1	-	-	-	1	1	3	13	10	12	41	3.3	4.4
		T	3	-	-	-	2	1	4	25	22	19	76	2.6	4.4
Disease of blood and blood-forming organs	280-289	M	-	-	-	-	-	-	-	2	1	1	4	0.2	0.5
		F	-	-	-	-	-	-	-	-	1	1	2	0.2	0.3
		T	-	-	-	-	-	-	-	2	2	2	6	0.2	0.4
Mental disorders	290-319	M	-	-	-	1	-	-	31	35	10	7	84	5.0	6.9
		F	-	-	-	-	1	2	23	13	1	6	46	3.7	3.0
		T	-	-	-	1	1	2	54	48	11	13	130	4.5	4.8
Diseases of the nervous system and sense organs	320-389	M	2	1	-	-	-	2	6	7	5	5	28	1.7	2.8
		F	1	-	-	1	-	-	7	5	7	7	28	2.3	2.8
		T	3	1	-	1	-	2	13	12	12	12	56	1.9	2.8
Diseases of the circulatory system	390-459	M	1	-	-	-	2	-	23	111	88	139	364	21.6	51.2
		F	1	-	-	-	1	-	16	59	60	155	292	23.7	38.3
		T	2	-	-	-	3	-	39	170	148	294	656	22.5	44.3
Diseases of the respiratory system	460-519	M	4	-	-	1	-	1	10	24	33	50	123	7.3	17.5
		F	2	-	-	1	-	-	14	24	20	45	106	8.6	12.4
		T	6	-	-	2	-	1	24	48	53	95	229	7.8	14.7
Diseases of the digestive system	520-579	M	1	-	-	1	-	-	20	45	18	14	99	5.9	10.0
		F	-	-	-	-	-	-	31	58	13	14	116	9.4	9.4
		T	1	-	-	1	-	-	51	103	31	28	215	7.4	9.7
Diseases of the genitourinary system	580-629	M	-	-	-	-	-	-	-	5	5	6	16	0.9	2.5
		F	1	-	-	-	-	-	1	8	3	11	24	1.9	2.8
		T	1	-	-	-	-	-	1	13	8	17	40	1.4	2.7
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	1	-	-	-	1	0.1	0.0
		T	-	-	-	-	-	-	1	-	-	-	1	0.0	0.0
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	-	1	-	-	1	0.1	0.1
		F	-	-	-	-	-	-	-	1	-	-	1	0.1	0.1
		T	-	-	-	-	-	-	-	2	-	-	2	0.1	0.1
Diseases of the musculoskeletal system and connective tissue	710-739	M	-	-	-	-	-	-	-	3	-	2	5	0.3	0.6
		F	-	-	-	-	-	-	2	6	2	4	14	1.1	1.4
		T	-	-	-	-	-	-	2	9	2	6	19	0.7	1.0
Congenital anomalies	740-759	M	8	-	1	-	-	-	2	-	-	-	11	0.7	0.3
		F	4	-	1	-	-	2	2	-	-	-	9	0.7	0.3
		T	12	-	2	-	-	2	4	-	-	-	20	0.7	0.3
Certain conditions originating in the perinatal period	760-779	M	15	-	-	-	-	-	-	-	-	-	15	0.9	0.4
		F	10	-	-	-	-	-	-	-	-	-	10	0.8	0.3
		T	25	-	-	-	-	-	-	-	-	-	25	0.9	0.3
Symptoms, signs, and ill-defined conditions	780-790	M	26	2	-	-	-	1	13	9	3	2	56	3.3	2.9
		F	19	1	-	-	1	2	6	4	-	2	35	2.8	1.4
		T	45	3	-	-	1	3	19	13	3	4	91	3.1	2.1
External causes	E800-E999	M	3	4	5	5	38	77	300	99	22	9	562	33.3	31.0
		F	4	2	2	1	18	21	157	47	10	10	272	22.1	14.0
		T	7	6	7	6	56	98	457	146	32	19	834	28.6	22.1
All causes		**M**	**65**	**7**	**6**	**10**	**43**	**84**	**473**	**434**	**253**	**312**	**1,687**	**100.0**	**162.8**
		F	**44**	**3**	**4**	**5**	**22**	**29**	**307**	**309**	**180**	**330**	**1,233**	**100.0**	**115.2**
		T	**109**	**10**	**10**	**15**	**65**	**113**	**780**	**743**	**433**	**642**	**2,920**	**100.0**	**137.5**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 9a
Causes of Death by Gender and Age
British Columbia 1991 - 1998

All Other Residents in South Mainland														
			Age Group (in years)									Total		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	3	4	2	4	5	16	1,047	561	186	287	2,115	2.7	1.9
		F	4	7	4	1	3	9	89	87	122	432	758	1.1	0.6
		T	7	11	6	5	8	25	1,136	648	308	719	2,873	2.0	1.3
Neoplasms	140-239	M	9	11	20	24	30	34	671	5,096	6,676	8,674	21,245	27.0	20.4
		F	3	21	16	19	19	28	847	4,460	5,177	8,019	18,609	27.2	14.3
		T	12	32	36	43	49	62	1,518	9,556	11,853	16,693	39,854	27.1	16.9
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	14	6	2	-	2	6	83	355	515	1,084	2,067	2.6	2.0
		F	10	3	4	2	4	9	45	198	397	1,434	2,106	3.1	1.5
		T	24	9	6	2	6	15	128	553	912	2,518	4,173	2.8	1.7
Disease of blood and blood-forming organs	280-289	M	1	1	-	1	-	1	10	32	53	173	272	0.3	0.3
		F	2	1	1	1	1	-	9	29	45	208	297	0.4	0.2
		T	3	2	1	2	1	1	19	61	98	381	569	0.4	0.2
Mental disorders	290-319	M	-	-	-	-	1	3	106	242	227	822	1,401	1.8	1.4
		F	-	-	-	-	1	2	37	85	130	1,453	1,708	2.5	1.2
		T	-	-	-	-	2	5	143	327	357	2,275	3,109	2.1	1.3
Diseases of the nervous system and sense organs	320-389	M	12	7	3	7	11	11	84	220	344	1,028	1,727	2.2	1.7
		F	13	4	5	4	6	7	70	192	302	1,411	2,014	2.9	1.4
		T	25	11	8	11	17	18	154	412	646	2,439	3,741	2.5	1.6
Diseases of the circulatory system	390-459	M	9	8	2	7	12	17	532	4,131	6,937	17,107	28,762	36.5	28.2
		F	4	6	5	8	5	14	216	1,412	3,794	21,482	26,946	39.4	18.6
		T	13	14	7	15	17	31	748	5,543	10,731	38,589	55,708	37.8	22.9
Diseases of the respiratory system	460-519	M	10	9	3	4	3	4	82	607	1,600	5,668	7,990	10.1	7.9
		F	4	4	5	3	4	1	40	336	971	5,682	7,050	10.3	4.8
		T	14	13	8	7	7	5	122	943	2,571	11,350	15,040	10.2	6.1
Diseases of the digestive system	520-579	M	6	6	2	-	6	3	169	737	708	1,190	2,827	3.6	2.7
		F	2	2	2	2	-	2	83	338	492	1,793	2,716	4.0	2.0
		T	8	8	4	2	6	5	252	1,075	1,200	2,983	5,543	3.8	2.3
Diseases of the genitourinary system	580-629	M	-	1	-	-	1	2	22	87	222	798	1,133	1.4	1.1
		F	-	1	-	-	-	-	9	81	166	907	1,164	1.7	0.8
		T	-	2	-	-	1	2	31	168	388	1,705	2,297	1.6	0.9
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	1	-	8	-	-	-	9	0.0	0.0
		T	-	-	-	-	1	-	8	-	-	-	9	0.0	0.0
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	2	8	5	43	58	0.1	0.1
		F	-	-	-	-	-	-	-	6	11	84	101	0.1	0.1
		T	-	-	-	-	-	-	2	14	16	127	159	0.1	0.1
Diseases of the musculoskeletal system and connective tissue	710-739	M	1	-	-	1	1	-	3	23	47	100	176	0.2	0.2
		F	-	-	1	2	1	1	15	59	71	300	450	0.7	0.3
		T	1	-	1	3	2	1	18	82	118	400	626	0.4	0.3
Congenital anomalies	740-759	M	222	22	9	5	6	8	35	36	8	14	365	0.5	0.4
		F	163	12	9	5	1	4	33	32	19	26	304	0.4	0.3
		T	385	34	18	10	7	12	68	68	27	40	669	0.5	0.3
Certain conditions originating in the perinatal period	760-779	M	312	-	-	-	-	-	-	-	-	-	312	0.4	0.3
		F	255	1	-	-	-	-	-	-	-	-	256	0.4	0.3
		T	567	1	-	-	-	-	-	-	-	-	568	0.4	0.3
Symptoms, signs, and ill-defined conditions	780-790	M	106	13	4	4	11	17	115	93	65	208	636	0.8	0.6
		F	66	4	2	-	6	4	39	30	33	443	627	0.9	0.5
		T	172	17	6	4	17	21	154	123	98	651	1,263	0.9	0.6
External causes	E800-E999	M	22	43	38	67	412	655	3,325	1,587	529	1,022	7,700	9.8	7.3
		F	16	33	30	35	137	172	813	545	344	1,191	3,316	4.8	2.8
		T	38	76	68	102	549	827	4,138	2,132	873	2,213	11,016	7.5	5.0
All causes		**M**	**727**	**131**	**85**	**124**	**501**	**777**	**6,286**	**13,815**	**18,122**	**38,218**	**78,786**	**100.0**	**76.5**
		F	**542**	**99**	**84**	**82**	**189**	**253**	**2,353**	**7,890**	**12,074**	**44,865**	**68,431**	**100.0**	**49.6**
		T	**1,269**	**230**	**169**	**206**	**690**	**1,030**	**8,639**	**21,705**	**30,196**	**83,083**	**147,217**	**100.0**	**61.7**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 9b

Causes of Death by Gender and Age

British Columbia 1991 - 1998

Status Indians in Vancouver Island															
			Age Group (in years)										Total		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	-	-	-	-	-	-	18	1	1	1	21	3.1	3.0
		F	1	-	-	-	-	-	4	4	1	2	12	2.4	2.1
		T	1	-	-	-	-	-	22	5	2	3	33	2.8	2.5
Neoplasms	140-239	M	-	-	1	-	-	-	11	31	25	17	85	12.4	23.0
		F	-	1	1	-	1	1	6	22	11	25	68	13.8	15.7
		T	-	1	2	-	1	1	17	53	36	42	153	13.0	19.1
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	1	-	-	-	-	-	-	6	5	6	18	2.6	5.3
		F	1	-	-	-	-	-	1	6	5	3	16	3.2	3.7
		T	2	-	-	-	-	-	1	12	10	9	34	2.9	4.4
Disease of blood and blood-forming organs	280-289	M	-	-	-	-	-	-	-	1	-	1	2	0.3	0.5
		F	-	-	-	-	-	-	-	2	-	1	3	0.6	0.6
		T	-	-	-	-	-	-	-	3	-	2	5	0.4	0.6
Mental disorders	290-319	M	-	-	-	-	-	-	6	8	5	1	20	2.9	4.2
		F	-	-	-	-	-	-	3	2	2	3	10	2.0	2.2
		T	-	-	-	-	-	-	9	10	7	4	30	2.5	3.2
Diseases of the nervous system and sense organs	320-389	M	-	1	-	-	1	2	2	-	2	6	14	2.0	3.8
		F	2	1	-	-	-	-	3	2	1	1	10	2.0	1.4
		T	2	2	-	-	1	2	5	2	3	7	24	2.0	2.4
Diseases of the circulatory system	390-459	M	3	1	1	1	1	-	8	42	50	52	159	23.2	48.5
		F	-	-	1	-	-	3	15	25	32	59	135	27.3	33.9
		T	3	1	2	1	1	3	23	67	82	111	294	25.0	40.6
Diseases of the respiratory system	460-519	M	3	2	-	-	1	1	2	9	4	21	43	6.3	12.6
		F	4	1	-	-	-	-	5	6	6	19	41	8.3	9.4
		T	7	3	-	-	1	1	7	15	10	40	84	7.1	10.8
Diseases of the digestive system	520-579	M	1	-	-	-	-	1	6	14	7	7	36	5.3	8.4
		F	-	-	-	-	-	-	6	12	4	8	30	6.1	6.2
		T	1	-	-	-	-	1	12	26	11	15	66	5.6	7.2
Diseases of the genitourinary system	580-629	M	1	-	-	-	-	-	-	-	1	9	11	1.6	4.1
		F	-	-	-	-	-	-	2	1	2	3	8	1.6	1.9
		T	1	-	-	-	-	-	2	1	3	12	19	1.6	2.8
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	2	-	-	-	2	0.4	0.2
		T	-	-	-	-	-	-	2	-	-	-	2	0.2	0.2
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	2	-	1	3	0.6	0.6
		T	-	-	-	-	-	-	-	2	-	1	3	0.3	0.3
Diseases of the musculoskeletal system and connective tissue	710-739	M	-	-	-	-	-	-	1	2	-	1	4	0.6	0.8
		F	-	-	-	-	-	-	2	5	-	2	9	1.8	1.6
		T	-	-	-	-	-	-	3	7	-	3	13	1.1	1.2
Congenital anomalies	740-759	M	5	-	-	1	1	-	-	-	-	1	8	1.2	0.8
		F	3	-	-	-	-	-	-	-	-	-	3	0.6	0.2
		T	8	-	-	1	1	-	-	-	-	1	11	0.9	0.5
Certain conditions originating in the perinatal period	760-779	M	9	-	-	-	-	-	-	-	-	-	9	1.3	0.5
		F	11	-	-	-	-	-	-	-	-	-	11	2.2	0.6
		T	20	-	-	-	-	-	-	-	-	-	20	1.7	0.5
Symptoms, signs, and ill-defined conditions	780-790	M	26	-	-	-	3	-	4	4	1	3	41	6.0	4.2
		F	19	-	-	-	-	1	6	1	2	2	31	6.3	3.0
		T	45	-	-	-	3	1	10	5	3	5	72	6.1	3.6
External causes	E800-E999	M	1	7	2	6	30	30	102	26	5	4	213	31.1	23.8
		F	3	5	2	3	7	14	42	15	5	6	102	20.6	11.5
		T	4	12	4	9	37	44	144	41	10	10	315	26.7	17.2
All causes		**M**	**50**	**11**	**4**	**8**	**37**	**34**	**160**	**144**	**106**	**130**	**684**	**100.0**	**143.4**
		F	**44**	**8**	**4**	**3**	**8**	**19**	**97**	**105**	**71**	**135**	**494**	**100.0**	**94.5**
		T	**94**	**19**	**8**	**11**	**45**	**53**	**257**	**249**	**177**	**265**	**1,178**	**100.0**	**116.9**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 9b

Causes of Death by Gender and Age

British Columbia 1991 - 1998

All Other Residents in Vancouver Island															
			Age Group (in years)										Total		
Causes of Death	ICD9 Codes	Gender	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	4	1	2	-	2	3	137	74	35	72	330	1.4	1.2
		F	1	2	-	-	3	2	16	20	37	123	204	0.9	0.5
		T	5	3	2	-	5	5	153	94	72	195	534	1.2	0.9
Neoplasms	140-239	M	1	-	5	4	5	9	163	1,367	2,221	2,942	6,717	29.4	21.6
		F	-	4	10	2	3	4	253	1,310	1,739	2,681	6,006	27.8	15.6
		T	1	4	15	6	8	13	416	2,677	3,960	5,623	12,723	28.7	18.1
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	1	1	-	-	1	4	20	96	173	289	585	2.6	1.9
		F	1	-	1	1	1	3	13	48	100	429	597	2.8	1.4
		T	2	1	1	1	2	7	33	144	273	718	1,182	2.7	1.6
Disease of blood and blood-forming organs	280-289	M	-	1	1	-	-	1	-	8	13	45	69	0.3	0.2
		F	-	-	1	1	1	-	-	4	15	72	94	0.4	0.2
		T	-	1	2	1	1	1	-	12	28	117	163	0.4	0.2
Mental disorders	290-319	M	-	-	-	-	-	1	23	44	58	282	408	1.8	1.3
		F	-	-	-	-	-	-	3	22	50	641	716	3.3	1.5
		T	-	-	-	-	-	1	26	66	108	923	1,124	2.5	1.5
Diseases of the nervous system and sense organs	320-389	M	1	4	2	2	2	3	12	66	107	366	565	2.5	1.8
		F	1	2	1	3	3	3	16	57	113	525	724	3.4	1.7
		T	2	6	3	5	5	6	28	123	220	891	1,289	2.9	1.8
Diseases of the circulatory system	390-459	M	3	1	2	1	1	3	111	1,128	1,973	5,271	8,494	37.2	27.2
		F	3	1	-	2	3	1	67	371	1,138	6,754	8,340	38.7	18.4
		T	6	2	2	3	4	4	178	1,499	3,111	12,025	16,834	37.9	22.4
Diseases of the respiratory system	460-519	M	-	2	1	-	-	2	15	145	421	1,659	2,245	9.8	7.2
		F	1	1	1	3	1	-	14	97	361	1,750	2,229	10.3	4.9
		T	1	3	2	3	1	2	29	242	782	3,409	4,474	10.1	5.9
Diseases of the digestive system	520-579	M	1	1	1	1	-	1	35	150	163	338	691	3.0	2.3
		F	1	-	-	1	-	-	17	93	123	541	776	3.6	1.8
		T	2	1	1	2	-	1	52	243	286	879	1,467	3.3	2.0
Diseases of the genitourinary system	580-629	M	1	-	-	-	-	-	4	25	57	233	320	1.4	1.0
		F	-	-	-	-	-	2	4	15	46	245	312	1.4	0.7
		T	1	-	-	-	-	2	8	40	103	478	632	1.4	0.8
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	1	-	-	-	1	0.0	0.0
		T	-	-	-	-	-	-	1	-	-	-	1	0.0	0.0
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	-	1	4	11	16	0.1	0.1
		F	-	-	-	-	-	-	-	1	3	27	31	0.1	0.1
		T	-	-	-	-	-	-	-	2	7	38	47	0.1	0.1
Diseases of the musculoskeletal system and connective tissue	710-739	M	-	-	-	-	-	-	-	5	15	39	59	0.3	0.2
		F	-	-	-	-	-	-	3	10	18	119	150	0.7	0.3
		T	-	-	-	-	-	-	3	15	33	158	209	0.5	0.3
Congenital anomalies	740-759	M	38	4	3	4	1	2	8	11	5	11	87	0.4	0.4
		F	22	4	2	-	2	2	8	12	4	13	69	0.3	0.3
		T	60	8	5	4	3	4	16	23	9	24	156	0.4	0.3
Certain conditions originating in the perinatal period	760-779	M	61	-	-	-	-	-	-	-	-	-	61	0.3	0.3
		F	46	-	-	-	-	-	-	-	-	-	46	0.2	0.2
		T	107	-	-	-	-	-	-	-	-	-	107	0.2	0.3
Symptoms, signs, and ill-defined conditions	780-790	M	30	3	-	-	3	3	35	36	33	98	241	1.1	0.9
		F	19	1	1	3	3	2	18	23	17	214	301	1.4	0.8
		T	49	4	1	3	6	5	53	59	50	312	542	1.2	0.8
External causes	E800-E999	M	6	8	11	18	106	138	759	431	146	329	1,952	8.5	7.4
		F	2	6	5	5	39	35	188	139	78	474	971	4.5	2.8
		T	8	14	16	23	145	173	947	570	224	803	2,923	6.6	5.1
All causes		**M**	**147**	**26**	**28**	**30**	**121**	**170**	**1,322**	**3,587**	**5,424**	**11,985**	**22,840**	**100.0**	**74.9**
		F	**97**	**21**	**22**	**21**	**59**	**54**	**621**	**2,222**	**3,842**	**14,608**	**21,567**	**100.0**	**51.4**
		T	**244**	**47**	**50**	**51**	**180**	**224**	**1,943**	**5,809**	**9,266**	**26,593**	**44,407**	**100.0**	**62.1**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 9c

Causes of Death by Gender and Age

British Columbia 1991 - 1998

Status Indians in North West															
			Age Group (in years)										Total		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	2	-	-	-	-	-	3	1	-	2	8	2.2	1.7
		F	-	1	-	1	-	-	-	3	2	2	9	3.5	2.5
		T	2	1	-	1	-	-	3	4	2	4	17	2.8	2.1
Neoplasms	140-239	M	-	-	-	1	-	-	7	22	19	20	69	19.1	21.3
		F	-	-	-	-	-	-	6	19	13	13	51	20.0	14.6
		T	-	-	-	1	-	-	13	41	32	33	120	19.4	17.9
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	-	-	-	-	-	-	-	1	1	-	2	0.6	0.7
		F	1	-	-	-	-	-	-	6	4	3	14	5.5	4.2
		T	1	-	-	-	-	-	-	7	5	3	16	2.6	2.4
Disease of blood and blood-forming organs	280-289	M	-	-	-	-	-	-	-	1	-	-	1	0.3	0.2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	1	-	-	1	0.2	0.1
Mental disorders	290-319	M	-	-	-	-	-	-	1	3	2	4	10	2.8	3.0
		F	-	-	-	-	-	-	3	4	-	1	8	3.1	1.5
		T	-	-	-	-	-	-	4	7	2	5	18	2.9	2.3
Diseases of the nervous system and sense organs	320-389	M	-	-	-	-	-	-	-	-	1	-	1	0.3	0.3
		F	-	-	-	-	-	-	2	-	1	1	4	1.6	1.0
		T	-	-	-	-	-	-	2	-	2	1	5	0.8	0.7
Diseases of the circulatory system	390-459	M	-	-	-	-	-	2	5	34	21	39	101	27.9	31.5
		F	-	-	-	-	-	-	6	8	11	38	63	24.7	20.6
		T	-	-	-	-	-	2	11	42	32	77	164	26.6	26.0
Diseases of the respiratory system	460-519	M	-	-	-	-	-	-	1	5	3	11	20	5.5	6.6
		F	-	-	-	-	-	-	1	4	7	15	27	10.6	9.1
		T	-	-	-	-	-	-	2	9	10	26	47	7.6	7.8
Diseases of the digestive system	520-579	M	-	-	-	-	-	-	2	6	9	6	23	6.4	7.2
		F	-	-	-	-	-	-	1	5	1	7	14	5.5	4.3
		T	-	-	-	-	-	-	3	11	10	13	37	6.0	5.8
Diseases of the genitourinary system	580-629	M	-	-	-	-	-	-	-	-	1	5	6	1.7	2.3
		F	-	-	-	-	-	-	-	-	-	5	5	2.0	1.8
		T	-	-	-	-	-	-	-	-	1	10	11	1.8	2.0
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	1	-	-	-	-	-	1	0.4	0.1
		T	-	-	-	-	1	-	-	-	-	-	1	0.2	0.1
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the musculoskeletal system and connective tissue	710-739	M	-	-	-	-	-	-	-	-	1	-	1	0.3	0.4
		F	-	-	-	-	-	1	2	2	2	-	7	2.7	1.6
		T	-	-	-	-	-	1	2	2	3	-	8	1.3	1.0
Congenital anomalies	740-759	M	2	-	-	-	-	-	2	-	-	-	4	1.1	0.5
		F	1	-	1	-	-	-	-	-	-	-	2	0.8	0.2
		T	3	-	1	-	-	-	2	-	-	-	6	1.0	0.4
Certain conditions originating in the perinatal period	760-779	M	3	-	-	-	-	-	-	-	-	-	3	0.8	0.3
		F	3	-	-	-	-	-	-	-	-	-	3	1.2	0.3
		T	6	-	-	-	-	-	-	-	-	-	6	1.0	0.3
Symptoms, signs, and ill-defined conditions	780-790	M	8	1	-	-	-	-	1	1	-	1	12	3.3	1.6
		F	5	-	-	-	-	-	-	3	-	1	9	3.5	1.6
		T	13	1	-	-	-	-	1	4	-	2	21	3.4	1.6
External causes	E800-E999	M	-	2	2	2	7	15	49	16	5	3	101	27.9	16.9
		F	-	1	-	1	2	5	17	3	5	4	38	14.9	7.2
		T	-	3	2	3	9	20	66	19	10	7	139	22.5	11.8
All causes		**M**	**15**	**3**	**2**	**3**	**7**	**17**	**71**	**90**	**63**	**91**	**362**	**100.0**	**94.6**
		F	**10**	**2**	**1**	**2**	**3**	**6**	**38**	**57**	**46**	**90**	**255**	**100.0**	**70.6**
		T	**25**	**5**	**3**	**5**	**10**	**23**	**109**	**147**	**109**	**181**	**617**	**100.0**	**82.4**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 9c

Causes of Death by Gender and Age

British Columbia 1991 - 1998

All Others in North West															
			Age Group (in years)										Total		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	-	-	-	-	-	-	2	2	1	3	8	0.8	0.7
		F	-	-	-	-	-	-	-	3	1	3	7	1.1	0.6
		T	-	-	-	-	-	-	2	5	2	6	15	0.9	0.6
Neoplasms	140-239	M	-	-	-	1	1	-	18	106	82	71	279	27.1	23.8
		F	-	-	-	-	1	-	18	71	50	55	195	30.9	15.6
		T	-	-	-	1	2	-	36	177	132	126	474	28.5	19.3
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	-	-	-	-	1	-	1	3	7	7	19	1.8	1.9
		F	1	-	-	-	-	-	1	2	4	21	29	4.6	2.8
		T	1	-	-	-	1	-	2	5	11	28	48	2.9	2.5
Disease of blood and blood-forming organs	280-289	M	-	-	-	-	-	-	-	2	-	-	2	0.2	0.1
		F	-	-	-	-	-	-	-	-	1	-	1	0.2	0.1
		T	-	-	-	-	-	-	-	2	1	-	3	0.2	0.1
Mental disorders	290-319	M	-	-	-	-	-	-	3	7	1	5	16	1.6	1.3
		F	-	-	-	-	-	-	-	1	1	16	18	2.9	1.9
		T	-	-	-	-	-	-	3	8	2	21	34	2.0	1.7
Diseases of the nervous system and sense organs	320-389	M	-	2	-	-	-	-	2	7	5	2	18	1.7	1.3
		F	-	-	-	-	-	-	-	3	3	9	15	2.4	1.4
		T	-	2	-	-	-	-	2	10	8	11	33	2.0	1.4
Diseases of the circulatory system	390-459	M	-	-	-	-	1	1	9	99	89	118	317	30.7	30.6
		F	-	-	-	-	-	-	6	29	49	142	226	35.8	21.8
		T	-	-	-	-	1	1	15	128	138	260	543	32.7	26.2
Diseases of the respiratory system	460-519	M	-	-	-	-	1	1	4	15	25	45	91	8.8	10.0
		F	-	-	-	-	-	-	-	4	7	31	42	6.7	4.3
		T	-	-	-	-	1	1	4	19	32	76	133	8.0	6.9
Diseases of the digestive system	520-579	M	-	-	-	-	-	-	2	15	9	6	32	3.1	2.5
		F	-	-	-	-	-	-	1	4	3	12	20	3.2	1.8
		T	-	-	-	-	-	-	3	19	12	18	52	3.1	2.2
Diseases of the genitourinary system	580-629	M	-	-	-	-	-	-	1	3	3	12	19	1.8	2.2
		F	-	-	-	-	-	-	-	2	4	11	17	2.7	1.7
		T	-	-	-	-	-	-	1	5	7	23	36	2.2	1.9
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	-	-	-	1	1	0.1	0.2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	1	1	0.1	0.1
Diseases of the musculoskeletal system and connective tissue	710-739	M	-	-	-	-	-	-	-	-	-	1	1	0.1	0.2
		F	-	-	-	-	-	-	-	-	1	1	2	0.3	0.2
		T	-	-	-	-	-	-	-	-	1	2	3	0.2	0.2
Congenital anomalies	740-759	M	4	2	-	-	-	-	-	-	-	-	6	0.6	0.3
		F	4	-	-	-	-	-	-	1	-	-	5	0.8	0.3
		T	8	2	-	-	-	-	-	1	-	-	11	0.7	0.3
Certain conditions originating in the perinatal period	760-779	M	5	-	-	-	-	-	-	-	-	-	5	0.5	0.2
		F	5	-	-	-	-	-	-	-	-	-	5	0.8	0.3
		T	10	-	-	-	-	-	-	-	-	-	10	0.6	0.2
Symptoms, signs, and ill-defined conditions	780-790	M	2	1	-	-	-	1	3	2	2	2	13	1.3	0.9
		F	2	-	-	-	-	-	2	1	2	8	15	2.4	1.3
		T	4	1	-	-	-	1	5	3	4	10	28	1.7	1.1
External causes	E800-E999	M	-	4	1	3	10	24	89	55	9	9	204	19.8	10.6
		F	-	-	1	2	5	1	8	7	-	10	34	5.4	2.3
		T	-	4	2	5	15	25	97	62	9	19	238	14.3	6.8
All causes		**M**	**11**	**9**	**1**	**4**	**14**	**27**	**134**	**316**	**233**	**282**	**1,031**	**100.0**	**86.7**
		F	**12**	**-**	**1**	**2**	**6**	**1**	**36**	**128**	**126**	**319**	**631**	**100.0**	**56.3**
		T	**23**	**9**	**2**	**6**	**20**	**28**	**170**	**444**	**359**	**601**	**1,662**	**100.0**	**71.6**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 9d

Causes of Death by Gender and Age

British Columbia 1991 - 1998

Status Indians in North East															
			Age Group (in years)										Total		
Causes of Death	ICD9 Codes	Gender	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and parasitic diseases	001-139	M	2	-	-	-	-	-	4	4	1	1	12	2.1	2.0
		F	-	-	-	-	-	-	4	1	3	1	9	2.3	1.7
		T	2	-	-	-	-	-	8	5	4	2	21	2.2	1.8
Neoplasms	140-239	M	-	-	1	-	-	-	7	22	25	26	81	14.3	20.6
		F	-	-	-	-	-	-	4	19	13	21	57	14.7	13.9
		T	-	-	1	-	-	-	11	41	38	47	138	14.4	17.2
Endocrine/nutritional/ metabolic diseases & immunity disorders	240-279	M	1	-	-	-	-	-	2	3	-	3	9	1.6	1.8
		F	-	-	-	-	-	-	1	3	2	-	6	1.5	1.3
		T	1	-	-	-	-	-	3	6	2	3	15	1.6	1.5
Disease of blood and blood-forming organs	280-289	M	-	-	-	-	-	-	-	-	-	1	1	0.2	0.3
		F	-	-	-	-	-	-	1	3	1	1	6	1.5	1.2
		T	-	-	-	-	-	-	1	3	1	2	7	0.7	0.8
Mental disorders	290-319	M	-	-	-	-	1	-	2	6	5	4	18	3.2	4.3
		F	-	-	-	-	-	-	5	2	1	3	11	2.8	2.2
		T	-	-	-	-	1	-	7	8	6	7	29	3.0	3.2
Diseases of the nervous system and sense organs	320-389	M	1	-	-	-	-	-	2	1	2	1	7	1.2	1.4
		F	-	-	-	1	-	-	-	1	-	1	3	0.8	0.6
		T	1	-	-	1	-	-	2	2	2	2	10	1.0	1.0
Diseases of the circulatory system	390-459	M	1	1	-	-	1	-	6	31	31	44	115	20.2	30.0
		F	-	-	-	1	-	-	9	19	14	47	90	23.2	22.7
		T	1	1	-	1	1	-	15	50	45	91	205	21.4	26.4
Diseases of the respiratory system	460-519	M	-	-	-	-	1	-	1	9	10	22	43	7.6	12.0
		F	1	-	-	-	-	3	-	6	1	15	26	6.7	6.1
		T	1	-	-	-	1	3	1	15	11	37	69	7.2	9.0
Diseases of the digestive system	520-579	M	1	-	-	-	-	-	2	10	3	6	22	3.9	5.0
		F	-	-	-	-	-	-	8	15	3	7	33	8.5	6.5
		T	1	-	-	-	-	-	10	25	6	13	55	5.8	5.8
Diseases of the genitourinary system	580-629	M	1	-	-	-	-	1	-	-	1	4	7	1.2	1.7
		F	-	-	-	-	-	-	-	1	3	6	10	2.6	2.8
		T	1	-	-	-	-	1	-	1	4	10	17	1.8	2.2
Complications of pregnancy and childbirth	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of the skin and connective tissue	680-709	M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	1	-	-	-	1	0.3	0.1
		T	-	-	-	-	-	-	1	-	-	-	1	0.1	0.1
Diseases of the musculoskeletal system and connective tissue	710-739	M	-	-	-	-	-	1	-	2	1	-	4	0.7	0.8
		F	-	-	-	-	-	-	1	4	1	2	8	2.1	1.7
		T	-	-	-	-	-	1	1	6	2	2	12	1.3	1.3
Congenital anomalies	740-759	M	4	-	1	-	-	-	-	-	-	-	5	0.9	0.3
		F	3	-	-	-	-	1	-	-	-	-	4	1.0	0.3
		T	7	-	1	-	-	1	-	-	-	-	9	0.9	0.3
Certain conditions originating in the perinatal period	760-779	M	10	-	-	-	-	-	-	-	-	-	10	1.8	0.6
		F	6	-	-	-	-	-	-	-	-	-	6	1.5	0.4
		T	16	-	-	-	-	-	-	-	-	-	16	1.7	0.5
Symptoms, signs, and ill-defined conditions	780-790	M	10	-	-	-	-	1	2	2	-	5	20	3.5	2.8
		F	4	-	-	-	2	-	2	2	1	6	17	4.4	3.0
		T	14	-	-	-	2	1	4	4	1	11	37	3.9	2.9
External causes	E800-E999	M	-	4	2	1	24	29	106	32	12	4	214	37.7	27.3
		F	1	4	2	-	17	10	41	12	4	10	101	26.0	13.2
		T	1	8	4	1	41	39	147	44	16	14	315	32.9	20.1
All causes		**M**	**31**	**5**	**4**	**1**	**27**	**32**	**134**	**122**	**91**	**121**	**568**	**100.0**	**110.9**
		F	**15**	**4**	**2**	**2**	**19**	**14**	**77**	**88**	**47**	**120**	**388**	**100.0**	**77.5**
		T	**46**	**9**	**6**	**3**	**46**	**46**	**211**	**210**	**138**	**241**	**956**	**100.0**	**94.0**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 9d

Causes of Death by Gender and Age

British Columbia 1991 - 1998

All Other Residents in North East															
			Age Group (in years)										Total		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Infectious and	001-139	M	1	-	-	-	1	2	21	13	14	17	69	1.2	0.9
parasitic diseases		F	1	-	1	1	2	2	5	6	8	27	53	1.5	0.8
		T	2	-	1	1	3	4	26	19	22	44	122	1.3	0.9
Neoplasms	140-239	M	-	1	1	2	1	4	62	433	522	422	1,448	26.0	22.1
		F	-	-	5	4	3	2	90	423	272	337	1,136	31.1	16.2
		T	-	1	6	6	4	6	152	856	794	759	2,584	28.0	19.0
Endocrine/nutritional/	240-279	M	2	-	1	-	1	2	9	27	38	50	130	2.3	2.1
metabolic diseases &		F	2	-	1	2	1	1	2	19	39	74	141	3.9	2.3
immunity disorders		T	4	-	2	2	2	3	11	46	77	124	271	2.9	2.2
Disease of blood and	280-289	M	-	-	-	-	-	-	-	1	3	4	8	0.1	0.1
blood-forming organs		F	-	-	-	-	1	-	-	3	2	8	14	0.4	0.2
		T	-	-	-	-	1	-	-	4	5	12	22	0.2	0.2
Mental disorders	290-319	M	-	-	-	-	-	-	6	29	13	35	83	1.5	1.3
		F	-	-	-	-	-	-	2	10	8	54	74	2.0	1.2
		T	-	-	-	-	-	-	8	39	21	89	157	1.7	1.3
Diseases of the	320-389	M	3	2	1	2	-	1	12	12	21	63	117	2.1	2.1
nervous system and		F	1	1	1	1	1	1	2	11	14	74	107	2.9	1.8
sense organs		T	4	3	2	3	1	2	14	23	35	137	224	2.4	1.9
Diseases of the	390-459	M	2	2	-	-	2	1	62	445	449	821	1,784	32.0	30.2
circulatory system		F	1	-	-	2	1	-	22	141	232	778	1,177	32.3	19.7
		T	3	2	-	2	3	1	84	586	681	1,599	2,961	32.1	24.9
Diseases of the	460-519	M	-	1	1	1	-	-	9	71	119	318	520	9.3	9.8
respiratory system		F	1	1	1	2	1	-	4	37	75	211	333	9.1	5.6
		T	1	2	2	3	1	-	13	108	194	529	853	9.3	7.5
Diseases of the	520-579	M	-	-	1	-	1	1	12	68	44	75	202	3.6	3.1
digestive system		F	-	-	-	-	-	-	12	35	29	77	153	4.2	2.4
		T	-	-	1	-	1	1	24	103	73	152	355	3.9	2.7
Diseases of the	580-629	M	-	-	-	-	-	-	-	11	13	45	69	1.2	1.3
genitourinary system		F	-	-	-	-	-	-	-	9	8	25	42	1.2	0.7
		T	-	-	-	-	-	-	-	20	21	70	111	1.2	1.0
Complications of	630-676	M	-	-	-	-	-	-	-	-	-	-	-	-	-
pregnancy and		F	-	-	-	-	-	1	-	-	-	-	1	0.0	0.0
childbirth		T	-	-	-	-	-	1	-	-	-	-	1	0.0	0.0
Diseases of the skin	680-709	M	-	-	-	-	-	-	-	-	2	2	4	0.1	0.1
and connective tissue		F	-	-	-	-	-	-	-	-	1	-	1	0.0	0.0
		T	-	-	-	-	-	-	-	-	3	2	5	0.1	0.0
Diseases of the	710-739	M	-	-	-	-	-	-	-	3	3	10	16	0.3	0.3
musculoskeletal system		F	-	-	-	-	-	-	2	7	3	15	27	0.7	0.4
and connective tissue		T	-	-	-	-	-	-	2	10	6	25	43	0.5	0.4
Congenital anomalies	740-759	M	28	2	-	-	-	-	3	1	-	4	38	0.7	0.4
		F	11	1	-	-	-	-	1	2	-	2	17	0.5	0.2
		T	39	3	-	-	-	-	4	3	-	6	55	0.6	0.3
Certain conditions	760-779	M	34	-	-	-	-	-	-	-	-	-	34	0.6	0.3
originating in the		F	34	-	-	-	-	-	-	-	-	-	34	0.9	0.3
perinatal period		T	68	-	-	-	-	-	-	-	-	-	68	0.7	0.3
Symptoms, signs, and	780-790	M	12	1	-	-	1	4	11	15	7	15	66	1.2	0.9
ill-defined conditions		F	16	2	-	-	1	-	4	9	5	19	56	1.5	0.8
		T	28	3	-	-	2	4	15	24	12	34	122	1.3	0.8
External causes	E800-E999	M	3	14	15	16	87	105	371	241	54	75	981	17.6	10.3
		F	3	8	6	10	39	16	92	43	13	52	282	7.7	3.3
		T	6	22	21	26	126	121	463	284	67	127	1,263	13.7	6.9
All causes		**M**	**85**	**23**	**20**	**21**	**94**	**120**	**578**	**1,370**	**1,302**	**1,956**	**5,569**	**100.0**	**85.4**
		F	**70**	**13**	**15**	**22**	**50**	**23**	**238**	**755**	**709**	**1,753**	**3,648**	**100.0**	**55.8**
		T	**155**	**36**	**35**	**43**	**144**	**143**	**816**	**2,125**	**2,011**	**3,709**	**9,217**	**100.0**	**70.3**

Notes: *Totals exclude infant deaths with gender unknown. Cases with unknown residence are excluded.

Table 10

Leading Causes of Death Ranked by ASMR

British Columbia, 1991-1998

Leading Causes of Death	ICD9 Codes	Status Indians in B.C.			All Other B.C. Residents			Status/ Other
		Number	ASMR	Rank	Number	ASMR	Rank	
Ischaemic heart disease	410-414, 429.2	603	17.0	1	39,323	11.9	1	1.4
Cerebrovascular disease/stroke	430-434,436-438	282	7.9	2	16,693	5.0	2	1.6
Gastrointestinal cancers	140-159	258	6.8	3	15,260	4.7	4	1.4
Pneumonia/influenza	480-487	235	6.1	4	9,341	2.8	5	2.2
Respiratory system cancers	160-165	175	4.5	5	15,265	4.8	3	0.9
Motor vehicle traffic accidents	E810-E819	390	4.4	6	3,170	1.1	15	4.0
Accidental poisoning	E850-E869	349	3.8	7	2,543	0.9	17	4.2
Congestive heart failure	428	106	3.4	8	5,053	1.5	9	2.3
Suicide	E950-E959	320	3.3	9	3,602	1.2	13	2.8
Chronic liver disease/cirrhosis	571	187	3.2	10	2,019	0.6	20	5.3
Chronic pulmonary diseases	491, 492, 496	102	3.2	11	8,059	2.4	8	1.3
Prostate cancer	185	47	3.2	12	3,723	2.7	6	1.2
Female breast cancer	174	64	2.6	13	4,384	2.5	7	1.0
Diabetes	250	94	2.5	14	4,130	1.3	12	1.9
Accidental falls	E880-E888	106	2.3	15	2,626	0.8	18	2.9
Conduction dis. & cardiac dysrhythmia	426-427	80	2.2	16	3,614	1.1	16	2.0
Renal failure, nephritis, nephrosis	580-589	69	2.1	17	2,127	0.6	21	3.5
Female reproductive system cancers	179-184	44	1.8	18	2,421	1.4	10	1.3
Diseases of the arteries	440-448	61	1.6	19	4,514	1.4	11	1.1
Cardiomyopathies	425	72	1.5	20	1,595	0.5	25	3.0
Other Causes of Death of Interest								
Homicide	E960-E969	114	1.2	21	718	0.3	28	4.0
AIDS/HIV infections	042-044	108	1.2	22	1,718	0.6	22	2.0
Blood & lymph system cancers	200-208	67	1.1	24	4,867	1.2	14	0.9
Accidental drowning	E830,E832,E910	78	0.9	25	543	0.2	33	4.5
Fire and flames	E890-E899	61	0.8	27	223	0.1	38	8.0
Bladder, kidney and urinary tract	188-189	28	0.7	28	2,452	0.8	19	0.9
Sudden infant death syndrome	798.0	109	0.6	30	225	0.1	39	6.0

Notes: ASMR - Age Standardized Mortality Rates per 10,000 standard population. Deaths with gender unknown are excluded.
Status/Other is the ratio of the Status Indian 1991-1998 ASMR to the rate for All Others in B.C.

Table 11

Leading Causes of Death for Status Indians in Each Area Ranked by ASMR

British Columbia, 1991-1998

Top Five Leading Causes of Death	South Mainland		Vancouver Island		North West		North East	
	Status Indians	All Others	Status Indians	All Others	Status Indians	All Others	Status Indians	All Others
Ischaemic heart disease	1	1	1	1	1	1	1	1
Cerebrovascular disease/stroke	2	2	2	3	2	4	3	3
Gastrointestinal cancers	3	3	3	4	3	3	4	4
Pneumonia/influenza	4	5	4	5	4	5	5	
Respiratory system cancers		4		2	5	2		2
Motor vehicle traffic accidents							2	
Accidental poisoning	5							
Chronic pulmonary diseases								5
Suicide			5					

Notes: ASMR - Age Standardized Mortality Rates per 10,000 standard population. Deaths with gender unknown are excluded.

Table 12

Age Standardized Mortality Rates by Gender

British Columbia, 1991 - 1998

Causes of Death	ICD9 Codes	Status Indians						All Other B.C. Residents					
		Male		Female		Total		Male		Female		Total	
		No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Infectious/Parasitic Diseases	001-139	131	3.7	61	2.1	192	2.9	2,525	1.7	1,024	0.6	3,549	1.1
AIDS/HIV Infections	042-044	91	2.1	17	0.4	108	1.2	1,622	1.1	96	0.1	1,718	0.6
Tuberculosis	010-018, 137	4	0.2	12	0.6	16	0.4	63	0.0	58	0.0	121	0.0
Cancer	140-208	426	23.1	376	17.4	802	20.1	29,195	20.4	25,505	14.4	54,700	16.9
Lung	162	98	5.4	68	3.4	166	4.3	8,699	6.1	6,032	3.4	14,731	4.6
Female Breast	174	-	-	64	2.6	64	2.6	-	-	4,384	2.5	4,384	2.5
Colorectal	153-154	46	2.6	32	1.6	78	2.0	2,601	1.8	2,318	1.3	4,919	1.5
Cervical	180	-	-	16	0.5	16	0.5	-	-	358	0.2	358	0.2
Prostate	185	47	3.2	-	-	47	3.2	3,723	2.7	-	-	3,723	2.7
Endocrine/Nutritional/Metabolic	240-279	64	3.3	77	3.5	141	3.4	2,803	2.0	2,873	1.5	5,676	1.7
Diabetes	250	42	2.4	52	2.6	94	2.5	2,129	1.5	2,001	1.1	4,130	1.3
Circulatory System Diseases	390-459	739	41.9	580	30.9	1,319	36.2	39,376	28.1	36,694	18.6	76,070	22.9
Ischaemic Heart	410-414, 429.2	385	22.0	218	12.4	603	17.0	22,580	16.0	16,743	8.5	39,323	11.9
Cerebrovascular/Stroke	430-434, 436-438	126	7.7	156	8.0	282	7.9	7,126	5.1	9,567	4.8	16,693	5.0
Arteries	440-448	32	1.7	29	1.4	61	1.6	2,546	1.8	1,968	1.0	4,514	1.4
Respiratory System Diseases	460-519	231	13.3	201	10.0	432	11.6	10,851	7.9	9,654	4.9	20,505	6.1
Pneumonia/Influenza	480-487	122	6.7	113	5.6	235	6.1	4,423	3.2	4,918	2.4	9,341	2.8
Chronic Pulmonary Disease*	491-492, 496	68	4.6	34	1.9	102	3.2	4,775	3.4	3,284	1.7	8,059	2.4
Asthma	493	7	0.3	9	0.4	16	0.4	252	0.2	344	0.2	596	0.2
Digestive System Diseases	520-579	181	8.2	193	7.4	374	7.8	3,753	2.6	3,665	1.9	7,418	2.3
Chronic Liver Disease/Cirrhosis	571	81	3.0	106	3.5	187	3.2	1,321	0.9	698	0.4	2,019	0.6
Congenital Anomalies	740-759	28	0.4	18	0.3	46	0.3	496	0.4	395	0.3	891	0.3
Perinatal	760-779	37	0.4	30	0.4	67	0.4	412	0.3	343	0.3	755	0.3
External Causes	E800-E999	1,090	26.6	513	12.4	1,603	19.2	10,868	7.6	4,611	2.8	15,479	5.2
Motor Vehicle Traffic Accidents	E810-E819	268	6.2	122	2.7	390	4.4	2,219	1.6	951	0.6	3,170	1.1
Accidental Poisoning	E850-E869	209	4.9	140	2.8	349	3.8	2,047	1.4	496	0.3	2,543	0.9
Accidental Falls	E880-E888	62	2.4	44	2.2	106	2.3	1,233	0.9	1,393	0.7	2,626	0.8
Suicide	E950-E959	242	5.2	78	1.5	320	3.3	2,815	1.9	787	0.5	3,602	1.2
Homicide	E960-E969	72	1.6	42	0.9	114	1.2	478	0.3	240	0.2	718	0.3
Fire and Flames	E890-E899	40	1.2	21	0.5	61	0.8	145	0.1	78	-	223	0.1
All Other Causes		381	14.4	323	11.3	704	12.8	8,037	5.8	9,540	5.0	17,577	5.3
Total Deaths		**3,308**	**135.3**	**2,372**	**95.7**	**5,680**	**114.6**	**108,316**	**76.7**	**94,304**	**50.3**	**202,620**	**62.3**
Alcohol-Related Deaths	see glossary	917	32.4	419	12.1	1,336	21.8	8,327	5.7	2,526	1.5	10,853	3.5
Drug Induced Deaths	see glossary	181	4.1	172	3.6	353	3.8	2,365	1.6	877	0.6	3,242	1.1
Smoking-Related Deaths	see glossary	438	24.9	261	13.0	699	18.6	27,270	19.3	16,267	8.7	43,538	13.3

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease.

ASMR - Age Standardized Mortality Rates per 10,000 standard population. Deaths with gender unknown are excluded.

Table 12a

Age Standardized Mortality Rates by Gender

British Columbia, 1991 - 1998

Causes of Death	ICD9 Codes	Status Indians in South Mainland						All Other Residents in South Mainland					
		Male		Female		Total		Male		Female		Total	
		No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Infectious/Parasitic Diseases	001-139	88	5.3	30	2.1	118	3.7	2,115	1.9	758	0.6	2,873	1.3
AIDS/HIV Infections	042-044	64	3.2	11	0.5	75	1.8	1,417	1.3	76	0.1	1,493	0.7
Tuberculosis	010-018, 137	3	0.3	3	0.4	6	0.3	54	0.1	46	0.0	100	0.0
Cancer	140-208	196	26.6	205	21.9	401	24.0	20,903	20.1	18,291	14.0	39,194	16.6
Lung	162	50	6.6	37	4.1	87	5.2	6,166	5.9	4,295	3.3	10,461	4.4
Female Breast	174	-	-	33	3.1	33	3.1	-	-	3,136	2.5	3,136	2.5
Colorectal	153-154	16	2.4	21	2.3	37	2.3	1,918	1.9	1,718	1.3	3,636	1.5
Cervical	180	-	-	12	0.8	12	0.8	-	-	251	0.2	251	0.2
Prostate	185	24	4.1	-	-	24	4.1	2,620	2.6	-	-	2,620	2.6
Endocrine/Nutritional/Metabolic	240-279	35	4.4	41	4.4	76	4.4	2,067	2.0	2,106	1.5	4,173	1.7
Diabetes	250	25	3.6	31	3.5	56	3.5	1,570	1.5	1,487	1.1	3,057	1.3
Circulatory System Diseases	390-459	364	51.2	292	38.3	656	44.3	28,762	28.2	26,946	18.6	55,708	22.9
Ischaemic Heart	410-414, 429.2	203	28.6	124	17.3	327	22.5	16,705	16.3	12,607	8.7	29,312	12.1
Cerebrovascular/Stroke	430-434, 436-438	62	9.5	68	8.8	130	9.2	5,266	5.2	7,019	4.8	12,285	5.0
Arteries	440-448	14	2.2	20	2.2	34	2.2	1,790	1.8	1,405	1.0	3,195	1.3
Respiratory System Diseases	460-519	123	17.5	106	12.4	229	14.7	7,990	7.9	7,050	4.8	15,040	6.1
Pneumonia/Influenza	480-487	60	8.2	57	6.8	117	7.4	3,335	3.3	3,682	2.5	7,017	2.8
Chronic Pulmonary Disease*	491-492, 496	41	7.0	18	2.4	59	4.5	3,422	3.4	2,301	1.6	5,723	2.3
Asthma	493	4	0.5	7	0.8	11	0.7	180	0.2	247	0.2	427	0.2
Digestive System Diseases	520-579	99	10.0	116	9.4	215	9.7	2,827	2.7	2,716	2.0	5,543	2.3
Chronic Liver Disease/Cirrhosis	571	51	4.4	72	5.3	123	4.9	1,016	0.9	523	0.4	1,539	0.7
Congenital Anomalies	740-759	11	0.3	9	0.3	20	0.3	365	0.4	304	0.3	669	0.3
Perinatal	760-779	15	0.4	10	0.3	25	0.3	312	0.3	256	0.3	568	0.3
External Causes	E800-E999	562	31.0	272	14.0	834	22.1	7,700	7.3	3,316	2.8	11,016	5.0
Motor Vehicle Traffic Accidents	E810-E819	128	6.6	57	2.9	185	4.7	1,511	1.5	684	0.6	2,195	1.0
Accidental Poisoning	E850-E869	139	7.1	106	4.7	245	5.8	1,614	1.5	392	0.4	2,006	0.9
Accidental Falls	E880-E888	37	3.3	17	1.8	54	2.5	867	0.9	945	0.6	1,812	0.7
Suicide	E950-E959	102	4.8	33	1.5	135	3.1	2,031	1.9	586	0.5	2,617	1.2
Homicide	E960-E969	36	1.8	24	1.1	60	1.4	352	0.3	189	0.2	541	0.3
Fire and Flames	E890-E899	14	1.0	7	0.4	21	0.7	95	0.1	46	0.0	141	0.1
All Other Causes		194	16.1	152	12.0	346	14.0	5,745	5.6	6,688	4.7	12,433	5.2
Total Deaths		**1,687**	**162.8**	**1,233**	**115.2**	**2,920**	**137.5**	**78,786**	**76.5**	**68,431**	**49.6**	**147,217**	**61.7**
Alcohol-Related Deaths	see glossary	503	40.2	259	16.2	762	27.4	6,012	5.6	1,815	1.5	7,827	3.4
Drug Induced Deaths	see glossary	119	5.8	112	5.1	231	5.4	1,842	1.7	680	0.6	2,522	1.2

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Deaths with gender unknown are excluded.

ASMR - Age Standardized Mortality Rates per 10,000 standard population. Deaths with unknown residence are excluded.

Table 12b

Age Standardized Mortality Rates by Gender

British Columbia, 1991 - 1998

Causes of Death	ICD9 Codes	Status Indians in Vancouver Island						All Other Residents in Vancouver Island					
		Male		Female		Total		Male		Female		Total	
		No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Infectious/Parasitic Diseases	001-139	21	3.0	12	2.1	33	2.5	330	1.2	204	0.5	534	0.9
AIDS/HIV Infections	042-044	18	2.1	6	0.8	24	1.3	181	0.7	16	0.1	197	0.4
Tuberculosis	010-018, 137	-	-	2	0.6	2	0.4	3	0.0	11	0.0	14	0.0
Cancer	140-208	84	22.7	66	15.4	150	18.7	6,584	21.2	5,898	15.3	12,482	17.8
Lung	162	16	4.4	9	2.4	25	3.3	1,953	6.3	1,408	3.8	3,361	4.8
Female Breast	174	-	-	13	3.1	13	3.1	-	-	1,012	2.7	1,012	2.7
Colorectal	153-154	13	3.9	5	1.3	18	2.5	555	1.8	496	1.2	1,051	1.5
Cervical	180	-	-	1	0.1	1	0.1	-	-	74	0.2	74	0.2
Prostate	185	6	2.2	-	-	6	2.2	910	2.9	-	-	910	2.9
Endocrine/Nutritional/Metabolic	240-279	18	5.3	16	3.7	34	4.4	585	1.9	597	1.4	1,182	1.6
Diabetes	250	11	3.4	9	2.4	20	2.9	441	1.4	393	0.9	834	1.1
Circulatory System Diseases	390-459	159	48.5	135	33.9	294	40.6	8,494	27.2	8,340	18.4	16,834	22.4
Ischaemic Heart	410-414, 429.2	81	26.1	46	12.9	127	18.8	4,668	15.0	3,528	7.8	8,196	11.0
Cerebrovascular/Stroke	430-434, 436-438	31	9.4	40	9.0	71	9.2	1,536	4.9	2,209	4.9	3,745	4.9
Arteries	440-448	8	1.8	6	1.5	14	1.7	630	2.0	496	1.1	1,126	1.5
Respiratory System Diseases	460-519	43	12.6	41	9.4	84	10.8	2,245	7.2	2,229	4.9	4,474	5.9
Pneumonia/Influenza	480-487	22	5.9	21	4.0	43	4.8	850	2.7	1,069	2.3	1,919	2.5
Chronic Pulmonary Disease*	491-492, 496	14	5.1	8	2.5	22	3.6	1,050	3.3	830	1.9	1,880	2.5
Asthma	493	3	0.5	2	0.4	5	0.5	60	0.2	82	0.2	142	0.2
Digestive System Diseases	520-579	36	8.4	30	6.2	66	7.2	691	2.3	776	1.8	1,467	2.0
Chronic Liver Disease/Cirrhosis	571	17	2.6	13	2.1	30	2.4	232	0.8	134	0.4	366	0.6
Congenital Anomalies	740-759	8	0.8	3	0.2	11	0.5	87	0.4	69	0.3	156	0.3
Perinatal	760-779	9	0.5	11	0.6	20	0.5	61	0.3	46	0.2	107	0.3
External Causes	E800-E999	213	23.8	102	11.5	315	17.2	1,952	7.4	971	2.8	2,923	5.1
Motor Vehicle Traffic Accidents	E810-E819	39	4.0	21	2.1	60	3.0	340	1.4	143	0.5	483	1.0
Accidental Poisoning	E850-E869	34	3.9	17	1.6	51	2.6	325	1.3	78	0.3	403	0.8
Accidental Falls	E880-E888	11	1.8	8	2.0	19	1.9	289	1.0	394	0.8	683	0.9
Suicide	E950-E959	70	6.7	26	2.1	96	4.3	530	2.0	166	0.6	696	1.3
Homicide	E960-E969	13	1.1	8	0.8	21	1.0	60	0.2	35	0.1	95	0.2
Fire and Flames	E890-E899	11	2.0	7	0.8	18	1.3	28	0.1	20	0.1	48	0.1
All Other Causes		93	18.0	78	11.7	171	14.5	1,811	6.0	2,437	5.6	4,248	5.8
Total Deaths		**684**	**143.4**	**494**	**94.5**	**1,178**	**116.9**	**22,840**	**74.9**	**21,567**	**51.4**	**44,407**	**62.1**
Alcohol-Related Deaths	see glossary	179	30.9	71	10.2	250	19.8	1,675	5.6	552	1.5	2,227	3.4
Drug Induced Deaths	see glossary	32	3.7	34	3.1	66	3.4	400	1.6	161	0.6	561	1.1

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Deaths with gender unknown are excluded.

ASMR - Age Standardized Mortality Rates per 10,000 standard population. Deaths with unknown residence are excluded.

Table 12c

Age Standardized Mortality Rates by Gender

British Columbia, 1991 - 1998

Causes of Death	ICD9 Codes	Status Indians in North West						All Other Residents in North West					
		Male		Female		Total		Male		Female		Total	
		No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Infectious/Parasitic Diseases	001-139	8	1.7	9	2.5	17	2.1	8	0.7	7	0.6	15	0.6
AIDS/HIV Infections	042-044	2	0.3	-	-	2	0.1	1	0.0	-	-	1	0.0
Tuberculosis	010-018, 137	-	-	1	0.2	1	0.1	1	0.2	-	-	1	0.1
Cancer	140-208	66	20.5	50	14.2	116	17.3	274	23.4	192	15.2	466	19.0
Lung	162	15	4.8	10	3.2	25	4.0	96	7.5	53	4.4	149	5.9
Female Breast	174	-	-	9	1.7	9	1.7	-	-	31	2.1	31	2.1
Colorectal	153-154	8	2.2	2	0.7	10	1.5	22	2.2	14	1.2	36	1.6
Cervical	180	-	-	-	-	-	-	-	-	5	0.3	5	0.3
Prostate	185	8	2.9	-	-	8	2.9	21	2.8	-	-	21	2.8
Endocrine/Nutritional/Metabolic	240-279	2	0.7	14	4.2	16	2.4	19	1.9	29	2.8	48	2.5
Diabetes	250	2	0.7	9	2.8	11	1.8	16	1.7	24	2.4	40	2.1
Circulatory System Diseases	390-459	101	31.5	63	20.6	164	26.0	317	30.6	226	21.8	543	26.2
Ischaemic Heart	410-414, 429.2	51	15.5	24	8.0	75	11.8	183	16.1	97	9.5	280	12.9
Cerebrovascular/Stroke	430-434, 436-438	13	4.4	19	6.2	32	5.4	51	5.4	51	4.9	102	5.2
Arterias	440-448	4	0.9	-	-	4	0.4	13	1.5	8	0.8	21	1.2
Respiratory System Diseases	460-519	20	6.6	27	9.1	47	7.8	91	10.0	42	4.3	133	6.9
Pneumonia/Influenza	480-487	15	4.8	15	5.0	30	4.9	42	4.7	21	2.2	63	3.4
Chronic Pulmonary Disease*	491-492, 496	3	1.1	6	1.9	9	1.5	39	4.6	15	1.4	54	2.8
Asthma	493	-	-	-	-	-	-	-	-	4	0.4	4	0.3
Digestive System Diseases	520-579	23	7.2	14	4.3	37	5.8	32	2.5	20	1.8	52	2.2
Chronic Liver Disease/Cirrhosis	571	6	1.8	3	0.6	9	1.2	12	0.8	4	0.3	16	0.5
Congenital Anomalies	740-759	4	0.5	2	0.2	6	0.4	6	0.3	5	0.3	11	0.3
Perinatal	760-779	3	0.3	3	0.3	6	0.3	5	0.2	5	0.3	10	0.2
External Causes	E800-E999	101	16.9	38	7.2	139	11.8	204	10.6	34	2.3	238	6.8
Motor Vehicle Traffic Accidents	E810-E819	20	2.8	8	1.3	28	2.0	56	2.7	11	0.6	67	1.7
Accidental Poisoning	E850-E869	13	2.1	6	0.8	19	1.4	26	1.2	4	0.2	30	0.7
Accidental Falls	E880-E888	5	1.6	6	2.0	11	1.8	11	1.2	10	1.0	21	1.1
Suicide	E950-E959	29	4.4	7	1.1	36	2.7	40	2.0	4	0.2	44	1.1
Homicide	E960-E969	5	0.7	1	0.1	6	0.4	9	0.5	-	-	9	0.2
Fire and Flames	E890-E899	2	0.6	1	0.2	3	0.4	7	0.4	2	0.1	9	0.2
All Other Causes		34	8.7	35	8.0	69	8.3	75	6.5	71	6.9	146	6.6
Total Deaths		**362**	**94.6**	**255**	**70.6**	**617**	**82.4**	**1,031**	**86.7**	**631**	**56.3**	**1,662**	**71.6**
Alcohol-Related Deaths	see glossary	93	21.5	25	5.0	118	13.2	130	8.6	24	1.8	154	5.3
Drug Induced Deaths	see glossary	8	1.4	12	2.1	20	1.7	29	1.3	4	0.2	33	0.8

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Deaths with gender unknown are excluded.
ASMR - Age Standardized Mortality Rates per 10,000 standard population. Deaths with unknown residence are excluded.

Table 12d

Age Standardized Mortality Rates by Gender

British Columbia, 1991 - 1998

Causes of Death	ICD9 Codes	Status Indians in North East						All Other Residents in North East					
		Male		Female		Total		Male		Female		Total	
		No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Infectious/Parasitic Diseases	001-139	12	2.0	9	1.7	21	1.8	69	0.9	53	0.8	122	0.9
AIDS/HIV Infections	042-044	6	0.8	-	-	6	0.4	20	0.2	3	0.0	23	0.1
Tuberculosis	010-018, 137	1	0.2	6	1.4	7	0.8	5	0.1	1	0.0	6	0.1
Cancer	140-208	80	20.3	55	13.5	135	16.8	1,419	21.6	1,117	15.9	2,536	18.6
Lung	162	17	4.5	12	3.1	29	3.8	478	7.3	275	3.9	753	5.6
Female Breast	174	-	-	9	2.0	9	2.0	-	-	204	2.8	204	2.8
Colorectal	153-154	9	2.4	4	1.0	13	1.7	106	1.6	89	1.3	195	1.5
Cervical	180	-	-	3	0.6	3	0.6	-	-	28	0.3	28	0.3
Prostate	185	9	2.6	-	-	9	2.6	170	3.1	-	-	170	3.1
Endocrine/Nutritional/Metabolic	240-279	9	1.8	6	1.3	15	1.5	130	2.1	141	2.3	271	2.2
Diabetes	250	4	1.0	3	0.8	7	0.9	101	1.6	97	1.6	198	1.6
Circulatory System Diseases	390-459	115	30.0	90	22.7	205	26.4	1,784	30.2	1,177	19.7	2,961	24.9
Ischaemic Heart	410-414, 429.2	50	13.2	24	6.4	74	9.8	1,013	16.1	510	8.5	1,523	12.3
Cerebrovascular/Stroke	430-434, 436-438	20	5.9	29	7.0	49	6.5	270	5.0	287	4.8	557	4.9
Arteries	440-448	6	1.5	3	0.9	9	1.2	112	2.0	58	1.0	170	1.5
Respiratory System Diseases	460-519	43	12.0	26	6.1	69	9.0	520	9.8	333	5.6	853	7.5
Pneumonia/Influenza	480-487	23	6.1	19	4.7	42	5.4	194	3.8	146	2.5	340	3.1
Chronic Pulmonary Disease*	491-492, 496	10	3.0	2	0.4	12	1.7	261	4.9	138	2.3	399	3.5
Asthma	493	-	-	-	-	-	-	12	0.2	11	0.2	23	0.2
Digestive System Diseases	520-579	22	5.0	33	6.5	55	5.8	202	3.1	153	2.4	355	2.7
Chronic Liver Disease/Cirrhosis	571	7	1.2	18	3.1	25	2.2	61	0.7	37	0.5	98	0.6
Congenital Anomalies	740-759	5	0.3	4	0.3	9	0.3	38	0.4	17	0.2	55	0.3
Perinatal	760-779	10	0.6	6	0.4	16	0.5	34	0.3	34	0.3	68	0.3
External Causes	E800-E999	214	27.3	101	13.2	315	20.1	981	10.3	282	3.3	1,263	6.9
Motor Vehicle Traffic Accidents	E810-E819	81	10.4	36	4.0	117	7.1	311	3.1	112	1.2	423	2.1
Accidental Poisoning	E850-E869	23	3.0	11	1.2	34	2.1	73	0.7	21	0.2	94	0.5
Accidental Falls	E880-E888	9	1.6	13	3.3	22	2.5	65	1.2	44	0.7	109	0.9
Suicide	E950-E959	41	5.0	12	1.0	53	3.0	211	2.1	30	0.3	241	1.2
Homicide	E960-E969	18	2.1	9	1.0	27	1.6	52	0.5	13	0.1	65	0.3
Fire and Flames	E890-E899	13	1.4	6	0.8	19	1.1	15	0.2	10	0.1	25	0.1
All Other Causes		58	11.6	58	11.9	116	11.8	392	6.5	341	5.4	733	5.9
Total Deaths		**568**	**110.9**	**388**	**77.5**	**956**	**94.0**	**5,569**	**85.4**	**3,648**	**55.8**	**9,217**	**70.3**
Alcohol-Related Deaths	see glossary	140	26.4	63	10.3	203	18.2	496	6.1	135	1.8	631	4.0
Drug Induced Deaths	see glossary	22	2.7	14	1.4	36	2.0	84	0.8	31	0.3	115	0.6

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Deaths with gender unknown are excluded.

ASMR - Age Standardized Mortality Rates per 10,000 standard population. Deaths with unknown residence are excluded.

Table 13

Potential Years of Life Lost (Age Under 75 Years), British Columbia, 1991-1998

Status Indians in B.C.																
		Male					Female					Total				
			PYLL					PYLL					PYLL			
Causes of Death	**ICD9 Codes**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**
Infectious/Parasitic Diseases	001-139	124	4,392	5.3	35.4	10.1	52	1,574	3.1	30.3	3.5	176	5,966	4.4	33.9	6.6
AIDS/HIV Infections	042-044	91	3,338	4.0	36.7	7.8	17	568	1.1	33.4	1.2	108	3,905	2.9	36.2	4.3
Tuberculosis	010-018, 137	4	60	0.1	15.0	0.2	9	153	0.3	16.9	0.4	13	213	0.2	16.3	0.3
Cancer	140-208	297	5,055	6.0	17.0	16.8	261	4,897	9.7	18.8	14.6	558	9,952	7.4	17.8	15.7
Lung	162	70	990	1.2	14.1	3.7	50	675	1.3	13.5	2.5	120	1,665	1.2	13.9	3.1
Female Breast	174	-	-	-	-	-	49	1,063	2.1	21.7	2.8	49	1,063	0.8	21.7	2.8
Colorectal	153-154	31	423	0.5	13.6	1.7	19	358	0.7	18.8	1.1	50	780	0.6	15.6	1.4
Cervical	180	-	-	-	-	-	15	403	0.8	26.8	1.0	15	403	0.3	26.8	1.0
Prostate	185	23	168	0.2	7.3	0.9	-	-	-	-	-	23	168	0.1	7.3	0.9
Endocrine/Nutritional/Metabolic	240-279	48	968	1.2	20.2	2.8	59	1,134	2.2	19.2	3.2	107	2,102	1.6	19.6	3.0
Diabetes	250	31	328	0.4	10.6	1.5	38	515	1.0	13.6	1.9	69	843	0.6	12.2	1.7
Circulatory System Diseases	390-459	465	7,447	8.9	16.0	25.6	281	4,745	9.4	16.9	14.5	746	12,191	9.1	16.3	19.9
Ischaemic Heart	410-414, 429.2	248	3,520	4.2	14.2	13.2	97	1,108	2.2	11.4	4.3	345	4,628	3.4	13.4	8.6
Cerebrovascular/Stroke	430-434, 436-438	70	952	1.1	13.6	3.6	78	1,520	3.0	19.5	4.3	148	2,472	1.8	16.7	4.0
Arteries	440-448	21	512	0.6	24.4	1.3	18	325	0.6	18.1	1.0	39	837	0.6	21.4	1.2
Respiratory System Diseases	460-519	127	2,641	3.2	20.8	7.3	106	2,479	4.9	23.4	6.2	233	5,119	3.8	22.0	6.8
Pneumonia/Influenza	480-487	65	1,650	2.0	25.4	4.2	55	1,495	3.0	27.2	3.4	120	3,144	2.3	26.2	3.8
Chronic Pulmonary Disease*	491-492, 496	31	248	0.3	8.0	1.3	17	188	0.4	11.0	0.8	48	435	0.3	9.1	1.0
Asthma	493	6	170	0.2	28.3	0.4	6	155	0.3	25.8	0.4	12	325	0.2	27.1	0.4
Digestive System Diseases	520-579	148	3,176	3.8	21.5	9.5	157	3,603	7.1	22.9	9.9	305	6,779	5.0	22.2	9.7
Chronic Liver Disease/Cirrhosis	571	78	1,814	2.2	23.3	5.3	100	2,425	4.8	24.3	6.4	178	4,239	3.2	23.8	5.9
Congenital Anomalies	740-759	27	1,826	2.2	67.6	2.4	18	1,182	2.3	65.7	1.7	45	3,008	2.2	66.8	2.1
Perinatal	760-779	37	2,757	3.3	74.5	3.3	30	2,235	4.4	74.5	2.9	67	4,992	3.7	74.5	3.1
External Causes	E800-E999	1,070	43,640	52.2	40.8	92.8	483	19,458	38.4	40.3	38.2	1,553	63,097	47.0	40.6	64.3
Motor Vehicle Traffic Accidents	E810-E819	265	11,374	13.6	42.9	23.3	119	5,068	10.0	42.6	9.7	384	16,442	12.2	42.8	16.2
Accidental Poisoning	E850-E869	208	7,775	9.3	37.4	17.9	140	5,375	10.6	38.4	10.8	348	13,150	9.8	37.8	14.2
Accidental Falls	E880-E888	54	1,610	1.9	29.8	3.9	21	550	1.1	26.2	1.3	75	2,159	1.6	28.8	2.6
Suicide	E950-E959	240	10,675	12.8	44.5	21.8	78	3,480	6.9	44.6	6.5	318	14,155	10.5	44.5	13.8
Homicide	E960-E969	72	3,160	3.8	43.9	6.5	42	1,751	3.5	41.7	3.4	114	4,911	3.7	43.1	4.9
Fire and Flames	E890-E899	37	1,614	1.9	43.6	3.1	20	817	1.6	40.8	1.6	57	2,431	1.8	42.6	2.3
All Other Causes		310	11,728	14.0	37.8	23.0	249	9,344	18.4	37.5	18.0	559	21,071	15.7	37.7	20.5
Total Deaths		**2,653**	**83,627**	**100.0**	**31.5**	**193.8**	**1,696**	**50,648**	**100.0**	**29.9**	**112.6**	**4,349**	**134,274**	**100.0**	**30.9**	**151.6**
Alcohol-Related Deaths	see glossary	847	24,409	29.2	28.8	62.5	395	11,967	23.6	30.3	27.5	1,242	36,375	27.1	29.3	44.3
Drug Induced Deaths	see glossary	181	6,878	8.2	38.0	15.8	172	6,592	13.0	38.3	13.2	353	13,470	10.0	38.2	14.4
Smoking-Related Deaths	see glossary	279	3,968	4.7	14.2	15.1	160	2,533	5.0	15.8	8.4	439	6,500	4.8	14.8	11.7

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded.

Table 13

Potential Years of Life Lost (Age Under 75 Years), British Columbia, 1991-1998

All Others B.C. Residents																
		Male					Female					Total				
			PYLL					PYLL					PYLL			
Causes of Death	ICD9 Codes	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate
Infectious/Parasitic Diseases	001-139	2,146	65,339	6.6	30.4	4.6	439	10,045	2.0	22.9	0.7	2,585	75,384	5.0	29.2	2.7
AIDS/HIV Infections	042-044	1,616	54,885	5.5	34.0	3.9	95	3,609	0.7	38.0	0.3	1,711	58,494	3.9	34.2	2.1
Tuberculosis	010-018, 137	37	563	0.1	15.2	0.0	20	150	0.0	7.5	0.0	57	713	0.0	12.5	0.0
Cancer	140-208	17,337	205,329	20.7	11.8	14.3	14,675	199,490	38.8	13.6	13.7	32,012	404,819	26.9	12.6	13.9
Lung	162	5,598	58,375	5.9	10.4	4.0	3,885	44,873	8.7	11.6	3.0	9,483	103,248	6.9	10.9	3.5
Female Breast	174	-	-	-	-	-	2,864	46,365	9.0	16.2	3.1	2,864	46,365	3.1	16.2	3.1
Colorectal	153-154	1,507	16,158	1.6	10.7	1.1	1,052	12,680	2.5	12.1	0.9	2,559	28,838	1.9	11.3	1.0
Cervical	180	-	-	-	-	-	286	6,030	1.2	21.1	0.4	286	6,030	0.4	21.1	0.4
Prostate	185	1,296	9,025	0.9	7.0	0.6	-	-	-	-	-	1,296	9,025	0.6	7.0	0.6
Endocrine/Nutritional/Metabolic	240-279	1,373	19,103	1.9	13.9	1.4	915	12,399	2.4	13.6	0.9	2,288	31,502	2.1	13.8	1.1
Diabetes	250	1,012	11,672	1.2	11.5	0.8	660	6,865	1.3	10.4	0.5	1,672	18,537	1.2	11.1	0.6
Circulatory System Diseases	390-459	16,050	174,288	17.5	10.9	12.1	7,537	70,920	13.8	9.4	4.8	23,587	245,208	16.3	10.4	8.4
Ischaemic Heart	410-414, 429.2	10,173	108,317	10.9	10.6	7.4	3,599	28,725	5.6	8.0	1.9	13,772	137,041	9.1	10.0	4.7
Cerebrovascular/Stroke	430-434, 436-438	2,252	23,088	2.3	10.3	1.6	1,808	18,812	3.7	10.4	1.3	4,060	41,900	2.8	10.3	1.4
Arteries	440-448	943	8,647	0.9	9.2	0.6	425	3,702	0.7	8.7	0.3	1,368	12,349	0.8	9.0	0.4
Respiratory System Diseases	460-519	3,157	30,512	3.1	9.7	2.2	1,980	18,244	3.5	9.2	1.3	5,137	48,756	3.2	9.5	1.7
Pneumonia/Influenza	480-487	927	11,429	1.2	12.3	0.8	559	6,493	1.3	11.6	0.5	1,486	17,921	1.2	12.1	0.6
Chronic Pulmonary Disease*	491-492, 496	1,545	10,478	1.1	6.8	0.7	1,007	6,448	1.3	6.4	0.4	2,552	16,925	1.1	6.6	0.6
Asthma	493	134	1,890	0.2	14.1	0.1	121	1,508	0.3	12.5	0.1	255	3,398	0.2	13.3	0.1
Digestive System Diseases	520-579	2,144	32,846	3.3	15.3	2.3	1,242	16,460	3.2	13.3	1.1	3,386	49,306	3.3	14.6	1.7
Chronic Liver Disease/Cirrhosis	571	1,105	17,793	1.8	16.1	1.2	502	7,645	1.5	15.2	0.5	1,607	25,438	1.7	15.8	0.9
Congenital Anomalies	740-759	467	29,047	2.9	62.2	2.4	354	20,337	4.0	57.4	1.7	821	49,383	3.3	60.1	2.1
Perinatal	760-779	412	30,694	3.1	74.5	2.6	343	25,551	5.0	74.5	2.3	755	56,245	3.7	74.5	2.4
External Causes	E800-E999	9,432	338,033	34.0	35.8	25.0	2,884	96,753	18.8	33.5	7.4	12,316	434,785	28.8	35.3	16.3
Motor Vehicle Traffic Accidents	E810-E819	2,062	85,280	8.6	41.4	6.5	824	30,875	6.0	37.5	2.4	2,886	116,155	7.7	40.2	4.5
Accidental Poisoning	E850-E869	2,026	72,394	7.3	35.7	5.3	471	16,303	3.2	34.6	1.2	2,497	88,697	5.9	35.5	3.3
Accidental Falls	E880-E888	470	11,980	1.2	25.5	0.9	187	2,992	0.6	16.0	0.2	657	14,971	1.0	22.8	0.6
Suicide	E950-E959	2,606	86,430	8.7	33.2	6.3	720	22,110	4.3	30.7	1.6	3,326	108,540	7.2	32.6	4.0
Homicide	E960-E969	466	18,544	1.9	39.8	1.4	215	9,335	1.8	43.4	0.7	681	27,878	1.8	40.9	1.1
Fire and Flames	E890-E899	127	4,375	0.4	34.4	0.3	59	1,993	0.4	33.8	0.2	186	6,368	0.4	34.2	0.2
All Other Causes		3,338	67,915	6.8	20.3	5.0	2,387	43,951	8.5	18.4	3.3	5,725	111,865	7.4	19.5	4.1
Total Deaths		**55,856**	**993,103**	**100.0**	**17.8**	**71.6**	**32,756**	**514,149**	**100.0**	**15.7**	**37.2**	**88,612**	**1,507,251**	**100.0**	**17.0**	**54.6**
Alcohol-Related Deaths	see glossary	6,574	124,387	12.5	18.9	8.7	1,777	30,182	5.9	17.0	2.1	8,351	154,568	10.3	18.5	5.4
Drug Induced Deaths	see glossary	2,303	80,987	8.2	35.2	5.9	793	25,533	5.0	32.2	1.9	3,096	106,519	7.1	34.4	3.9
Smoking-Related Deaths	see glossary	13,466	145,170	14.6	10.8	10.0	6,437	70,430	13.7	10.9	4.7	19,903	215,600	14.3	10.8	7.3

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded.

Table 13a

Potential Years of Life Lost (Age Under 75 Years), British Columbia, 1991-1998

Status Indians in South Mainland																
		Male					Female					Total				
			PYLL					PYLL					PYLL			
Causes of Death	ICD9 Codes	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate
Infectious/Parasitic Diseases	001-139	85	2,932	7.0	34.5	14.8	26	837	3.2	32.2	4.0	111	3,769	5.6	34.0	9.1
AIDS/HIV Infections	042-044	64	2,345	5.6	36.6	11.6	11	388	1.5	35.2	1.7	75	2,733	4.0	36.4	6.4
Tuberculosis	010-018, 137	3	43	0.1	14.2	0.3	2	35	0.1	17.5	0.2	5	78	0.1	15.5	0.3
Cancer	140-208	129	2,285	5.4	17.7	16.8	146	2,785	10.8	19.1	17.7	275	5,070	7.5	18.4	17.3
Lung	162	38	500	1.2	13.2	4.4	27	418	1.6	15.5	3.1	65	918	1.4	14.1	3.8
Female Breast	174	-	-	-	-	-	27	558	2.2	20.6	3.2	27	558	0.8	20.6	3.2
Colorectal	153-154	10	115	0.3	11.5	1.1	15	288	1.1	19.2	1.8	25	403	0.6	16.1	1.5
Cervical	180	-	-	-	-	-	12	305	1.2	25.4	1.7	12	305	0.4	25.4	1.7
Prostate	185	9	78	0.2	8.6	0.9	-	-	-	-	-	9	78	0.1	8.6	0.9
Endocrine/Nutritional/Metabolic	240-279	28	514	1.2	18.4	3.5	29	590	2.3	20.3	3.7	57	1,104	1.6	19.4	3.6
Diabetes	250	19	198	0.5	10.4	2.1	21	328	1.3	15.6	2.5	40	525	0.8	13.1	2.3
Circulatory System Diseases	390-459	225	3,475	8.3	15.4	28.5	137	2,100	8.1	15.3	14.6	362	5,574	8.2	15.4	21.2
Ischaemic Heart	410-414, 429.2	129	1,883	4.5	14.6	16.1	49	573	2.2	11.7	4.8	178	2,455	3.6	13.8	10.1
Cerebrovascular/Stroke	430-434, 436-438	32	435	1.0	13.6	3.9	33	468	1.8	14.2	3.5	65	903	1.3	13.9	3.7
Arteries	440-448	7	130	0.3	18.5	0.8	14	260	1.0	18.6	1.7	21	390	0.6	18.5	1.3
Respiratory System Diseases	460-519	73	1,456	3.5	19.9	9.3	61	1,247	4.8	20.4	7.4	134	2,702	4.0	20.2	8.3
Pneumonia/Influenza	480-487	33	795	1.9	24.1	4.7	30	689	2.7	23.0	3.6	63	1,484	2.2	23.5	4.1
Chronic Pulmonary Disease*	491-492, 496	22	145	0.3	6.6	1.9	8	100	0.4	12.5	0.9	30	245	0.4	8.2	1.4
Asthma	493	3	73	0.2	24.2	0.4	5	108	0.4	21.5	0.6	8	180	0.3	22.5	0.5
Digestive System Diseases	520-579	85	1,840	4.4	21.6	12.3	102	2,365	9.2	23.2	13.9	187	4,205	6.2	22.5	13.1
Chronic Liver Disease/Cirrhosis	571	49	1,078	2.6	22.0	7.2	68	1,625	6.3	23.9	9.4	117	2,703	4.0	23.1	8.4
Congenital Anomalies	740-759	11	739	1.8	67.1	2.1	9	541	2.1	60.1	1.8	20	1,279	1.9	64.0	2.0
Perinatal	760-779	15	1,118	2.7	74.5	2.9	10	745	2.9	74.5	2.1	25	1,863	2.7	74.5	2.5
External Causes	E800-E999	553	21,892	52.0	39.6	104.1	262	10,142	39.4	38.7	44.7	815	32,034	47.2	39.3	73.2
Motor Vehicle Traffic Accidents	E810-E819	126	5,412	12.9	43.0	24.6	56	2,227	8.6	39.8	9.9	182	7,639	11.3	42.0	17.0
Accidental Poisoning	E850-E869	138	5,155	12.2	37.4	25.6	106	4,010	15.6	37.8	17.7	244	9,165	13.5	37.6	21.4
Accidental Falls	E880-E888	33	1,017	2.4	30.8	5.2	9	293	1.1	32.5	1.4	42	1,310	1.9	31.2	3.3
Suicide	E950-E959	102	4,430	10.5	43.4	20.3	33	1,378	5.3	41.7	5.9	135	5,808	8.6	43.0	12.8
Homicide	E960-E969	36	1,502	3.6	41.7	6.9	24	1,012	3.9	42.2	4.3	60	2,514	3.7	41.9	5.5
Fire and Flames	E890-E899	14	540	1.3	38.5	2.5	7	218	0.8	31.1	1.0	21	757	1.1	36.0	1.8
All Other Causes		171	5,852	13.9	34.2	27.6	121	4,419	17.1	36.5	18.9	292	10,271	15.1	35.2	23.0
Total Deaths		**1,375**	**42,099**	**100.0**	**30.6**	**221.9**	**903**	**25,769**	**100.0**	**28.5**	**128.6**	**2,278**	**67,868**	**100.0**	**29.8**	**173.3**
Alcohol-Related Deaths	see glossary	471	13,502	32.1	28.7	76.2	247	7,490	29.1	30.3	37.3	718	20,991	30.9	29.2	55.9
Drug Induced Deaths	see glossary	119	4,593	10.9	38.6	22.5	112	4,215	16.4	37.6	18.6	231	8,808	13.0	38.1	20.4

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 13a

Potential Years of Life Lost (Age Under 75 Years)

British Columbia, 1991 - 1998

All Other Residents in South Mainland																
		Male					Female					Total				
			PYLL					PYLL					PYLL			
Causes of Death	ICD9 Codes	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate
Infectious/Parasitic Diseases	001-139	1,828	55,784	7.7	30.5	5.3	326	7,480	2.0	22.9	0.7	2,154	63,264	5.8	29.4	3.1
AIDS/HIV Infections	042-044	1,412	47,785	6.6	33.8	4.6	75	2,810	0.8	37.5	0.3	1,487	50,594	4.6	34.0	2.4
Tuberculosis	010-018, 137	33	548	0.1	16.6	0.1	17	133	0.0	7.8	0.0	50	680	0.1	13.6	0.0
Cancer	140-208	12,399	149,359	20.6	12.0	14.2	10,468	142,230	38.4	13.6	13.2	22,867	291,589	26.6	12.8	13.7
Lung	162	3,945	41,868	5.8	10.6	4.0	2,715	31,168	8.4	11.5	2.9	6,660	73,035	6.7	11.0	3.4
Female Breast	174	-	-	-	-	-	2,054	33,385	9.0	16.3	3.1	2,054	33,385	3.0	16.3	3.1
Colorectal	153-154	1,100	11,975	1.6	10.9	1.1	786	9,595	2.6	12.2	0.9	1,886	21,570	2.0	11.4	1.0
Cervical	180	-	-	-	-	-	196	4,050	1.1	20.7	0.4	196	4,050	0.4	20.7	0.4
Prostate	185	917	6,398	0.9	7.0	0.6	-	-	-	-	-	917	6,398	0.6	7.0	0.6
Endocrine/Nutritional/Metabolic	240-279	983	13,808	1.9	14.0	1.3	672	9,019	2.4	13.4	0.9	1,655	22,826	2.1	13.8	1.1
Diabetes	250	732	8,602	1.2	11.8	0.8	480	4,990	1.3	10.4	0.5	1,212	13,592	1.2	11.2	0.6
Circulatory System Diseases	390-459	11,655	125,832	17.3	10.8	12.0	5,464	50,905	13.7	9.3	4.7	17,119	176,737	16.1	10.3	8.3
Ischaemic Heart	410-414, 429.2	7,365	77,235	10.6	10.5	7.3	2,652	20,707	5.6	7.8	1.9	10,017	97,942	8.9	9.8	4.6
Cerebrovascular/Stroke	430-434, 436-438	1,667	17,097	2.4	10.3	1.6	1,290	13,232	3.6	10.3	1.2	2,957	30,329	2.8	10.3	1.4
Arteries	440-448	665	6,117	0.8	9.2	0.6	302	2,675	0.7	8.9	0.3	967	8,792	0.8	9.1	0.4
Respiratory System Diseases	460-519	2,322	22,436	3.1	9.7	2.2	1,368	12,621	3.4	9.2	1.2	3,690	35,057	3.2	9.5	1.7
Pneumonia/Influenza	480-487	698	8,552	1.2	12.3	0.8	405	4,701	1.3	11.6	0.4	1,103	13,253	1.2	12.0	0.6
Chronic Pulmonary Disease*	491-492, 496	1,107	7,343	1.0	6.6	0.7	682	4,380	1.2	6.4	0.4	1,789	11,723	1.1	6.6	0.6
Asthma	493	97	1,448	0.2	14.9	0.1	87	1,048	0.3	12.0	0.1	184	2,495	0.2	13.6	0.1
Digestive System Diseases	520-579	1,637	25,137	3.5	15.4	2.4	923	12,096	3.3	13.1	1.1	2,560	37,232	3.4	14.5	1.7
Chronic Liver Disease/Cirrhosis	571	849	13,653	1.9	16.1	1.3	376	5,570	1.5	14.8	0.5	1,225	19,223	1.8	15.7	0.9
Congenital Anomalies	740-759	351	21,921	3.0	62.5	2.4	278	16,190	4.4	58.2	1.9	629	38,111	3.5	60.6	2.2
Perinatal	760-779	312	23,244	3.2	74.5	2.6	256	19,070	5.2	74.5	2.3	568	42,314	3.9	74.5	2.5
External Causes	E800-E999	6,678	239,628	33.0	35.9	24.0	2,125	69,833	18.9	32.9	7.2	8,803	309,461	28.2	35.2	15.7
Motor Vehicle Traffic Accidents	E810-E819	1,396	57,821	8.0	41.4	5.9	581	20,578	5.6	35.4	2.2	1,977	78,398	7.2	39.7	4.1
Accidental Poisoning	E850-E869	1,598	57,035	7.9	35.7	5.6	374	12,820	3.5	34.3	1.3	1,972	69,855	6.4	35.4	3.5
Accidental Falls	E880-E888	349	9,028	1.2	25.9	0.9	139	2,237	0.6	16.1	0.2	488	11,265	1.0	23.1	0.6
Suicide	E950-E959	1,871	62,788	8.6	33.6	6.2	539	16,413	4.4	30.4	1.6	2,410	79,200	7.2	32.9	4.0
Homicide	E960-E969	343	13,620	1.9	39.7	1.4	167	7,343	2.0	44.0	0.8	510	20,963	1.9	41.1	1.1
Fire and Flames	E890-E899	85	2,969	0.4	34.9	0.3	34	1,109	0.3	32.6	0.1	119	4,078	0.4	34.3	0.2
All Other Causes		2,403	48,893	6.7	20.3	4.9	1,686	30,793	8.3	18.3	3.1	4,089	79,686	7.3	19.5	4.0
Total Deaths		**40,568**	**726,039**	**100.0**	**17.9**	**71.3**	**23,566**	**370,235**	**100.0**	**15.7**	**36.4**	**64,134**	**1,096,273**	**100.0**	**17.1**	**53.9**
Alcohol-Related Deaths	see glossary	4,752	89,772	12.4	18.9	8.6	1,287	21,827	5.9	17.0	2.1	6,039	111,598	10.2	18.5	5.3
Drug Induced Deaths	see glossary	1,792	63,265	8.7	35.3	6.2	619	19,788	5.3	32.0	2.0	2,411	83,053	7.6	34.4	4.1

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 13b

Potential Years of Life Lost (Age Under 75 Years)

British Columbia, 1991 - 1998

Status Indians in Vancouver Island																
		Male					Female					Total				
			PYLL					PYLL					PYLL			
Causes of Death	**ICD9 Codes**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**
Infectious/Parasitic Diseases	001-139	20	705	3.7	35.3	8.3	10	312	2.6	31.2	3.2	30	1,017	3.3	33.9	5.4
AIDS/HIV Infections	042-044	18	655	3.5	36.4	7.7	6	180	1.5	30.0	2.0	24	835	2.7	34.8	4.6
Tuberculosis	010-018, 137	-	-	-	-	-	1	3	0.0	2.5	0.1	1	3	0.0	2.5	0.0
Cancer	140-208	67	1,153	6.1	17.2	19.4	42	880	7.4	20.9	12.2	109	2,032	6.6	18.6	15.5
Lung	162	12	210	1.1	17.5	3.5	6	70	0.6	11.7	1.5	18	280	0.9	15.6	2.5
Female Breast	174	-	-	-	-	-	6	135	1.1	22.5	1.9	6	135	0.4	22.5	1.9
Colorectal	153-154	9	118	0.6	13.1	2.4	3	43	0.4	14.2	0.8	12	160	0.5	13.3	1.6
Cervical	180	-	-	-	-	-	1	38	0.3	37.5	0.3	1	38	0.1	37.5	0.3
Prostate	185	4	20	0.1	5.0	0.6	-	-	-	-	-	4	20	0.1	5.0	0.6
Endocrine/Nutritional/Metabolic	240-279	12	212	1.1	17.7	3.6	13	240	2.0	18.4	3.2	25	452	1.5	18.1	3.4
Diabetes	250	8	80	0.4	10.0	2.2	7	73	0.6	10.4	1.4	15	153	0.5	10.2	1.8
Circulatory System Diseases	390-459	107	1,763	9.3	16.5	28.8	76	1,410	11.8	18.6	19.7	183	3,173	10.3	17.3	24.2
Ischaemic Heart	410-414, 429.2	52	655	3.5	12.6	13.2	26	255	2.1	9.8	5.6	78	910	2.9	11.7	9.1
Cerebrovascular/Stroke	430-434, 436-438	22	337	1.8	15.3	5.9	24	620	5.2	25.8	7.1	46	957	3.1	20.8	6.6
Arteries	440-448	7	193	1.0	27.5	2.3	3	58	0.5	19.2	0.9	10	250	0.8	25.0	1.6
Respiratory System Diseases	460-519	22	730	3.9	33.2	7.5	22	738	6.2	33.5	6.9	44	1,468	4.8	33.4	7.2
Pneumonia/Influenza	480-487	12	495	2.6	41.3	4.5	13	536	4.5	41.2	4.6	25	1,031	3.3	41.2	4.6
Chronic Pulmonary Disease*	491-492, 496	5	63	0.3	12.5	1.2	4	20	0.2	5.0	0.6	9	83	0.3	9.2	0.9
Asthma	493	3	98	0.5	32.5	1.1	1	48	0.4	47.5	0.4	4	145	0.5	36.3	0.7
Digestive System Diseases	520-579	29	695	3.7	23.9	9.6	22	480	4.0	21.8	6.4	51	1,175	3.8	23.0	7.9
Chronic Liver Disease/Cirrhosis	571	17	475	2.5	27.9	6.1	12	295	2.5	24.6	3.7	29	770	2.5	26.5	4.8
Congenital Anomalies	740-759	7	493	2.6	70.4	2.9	3	224	1.9	74.5	1.3	10	716	2.3	71.6	2.1
Perinatal	760-779	9	671	3.6	74.5	3.7	11	820	6.9	74.5	4.7	20	1,490	4.8	74.5	4.2
External Causes	E800-E999	209	9,171	48.5	43.9	88.6	96	4,064	34.0	42.3	35.1	305	13,235	42.9	43.4	60.1
Motor Vehicle Traffic Accidents	E810-E819	39	1,783	9.4	45.7	16.6	20	924	7.7	46.2	7.6	59	2,707	8.8	45.9	11.8
Accidental Poisoning	E850-E869	34	1,275	6.7	37.5	14.4	17	663	5.5	39.0	6.0	51	1,938	6.3	38.0	9.9
Accidental Falls	E880-E888	11	293	1.6	26.6	4.0	4	112	0.9	28.0	1.3	15	405	1.3	27.0	2.5
Suicide	E950-E959	69	3,293	17.4	47.7	30.3	26	1,190	10.0	45.8	9.9	95	4,483	14.5	47.2	19.5
Homicide	E960-E969	13	657	3.5	50.5	5.6	8	320	2.7	39.9	2.9	21	976	3.2	46.5	4.2
Fire and Flames	E890-E899	8	409	2.2	51.1	3.5	7	288	2.4	41.1	2.6	15	697	2.3	46.4	3.0
All Other Causes		72	3,304	17.5	45.9	27.0	64	2,792	23.4	43.6	22.7	136	6,095	19.8	44.8	24.9
Total Deaths		**554**	**18,895**	**100.0**	**34.1**	**199.4**	**359**	**11,957**	**100.0**	**33.3**	**115.4**	**913**	**30,851**	**100.0**	**33.8**	**155.0**
Alcohol-Related Deaths	see glossary	168	5,010	26.5	29.8	63.1	67	1,993	16.7	29.7	21.8	235	7,003	22.7	29.8	41.1
Drug Induced Deaths	see glossary	32	1,180	6.2	36.9	13.5	34	1,377	11.5	40.5	12.2	66	2,557	8.3	38.7	12.8

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 13b

Potential Years of Life Lost (Age Under 75 Years)

British Columbia, 1991 - 1998

All Other Residents in Vancouver Island																
		Male					Female					Total				
			PYLL					PYLL					PYLL			
Causes of Death	**ICD9 Codes**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**	**Deaths**	**Total**	**%**	**Avg.**	**Rate**
Infectious/Parasitic Diseases	001-139	258	7,933	4.6	30.7	3.3	81	1,659	1.7	20.5	0.7	339	9,591	3.5	28.3	2.0
AIDS/HIV Infections	042-044	180	6,140	3.6	34.1	2.6	16	630	0.6	39.3	0.3	196	6,770	2.5	34.5	1.4
Tuberculosis	010-018, 137	1	3	0.0	2.5	0.0	2	15	0.0	7.5	0.0	3	18	0.0	5.8	0.0
Cancer	140-208	3,711	40,103	23.3	10.8	14.4	3,275	41,601	42.5	12.7	14.9	6,986	81,703	30.2	11.7	14.6
Lung	162	1,213	11,718	6.8	9.7	4.1	920	10,255	10.5	11.1	3.5	2,133	21,973	8.1	10.3	3.8
Female Breast	174	-	-	-	-	-	631	9,613	9.8	15.2	3.4	631	9,613	3.6	15.2	3.4
Colorectal	153-154	317	3,173	1.8	10.0	1.1	198	2,140	2.2	10.8	0.7	515	5,313	2.0	10.3	0.9
Cervical	180	-	-	-	-	-	60	1,270	1.3	21.2	0.5	60	1,270	0.5	21.2	0.5
Prostate	185	290	1,995	1.2	6.9	0.7	-	-	-	-	-	290	1,995	0.7	6.9	0.7
Endocrine/Nutritional/Metabolic	240-279	296	3,717	2.2	12.6	1.4	168	2,207	2.3	13.1	0.9	464	5,924	2.2	12.8	1.1
Diabetes	250	208	2,130	1.2	10.2	0.8	122	1,235	1.3	10.1	0.4	330	3,365	1.2	10.2	0.6
Circulatory System Diseases	390-459	3,223	32,738	19.0	10.2	11.7	1,586	14,306	14.6	9.0	5.0	4,809	47,044	17.4	9.8	8.3
Ischaemic Heart	410-414, 429.2	2,036	20,742	12.0	10.2	7.3	732	5,815	5.9	7.9	1.9	2,768	26,557	9.8	9.6	4.6
Cerebrovascular/Stroke	430-434, 436-438	448	4,217	2.4	9.4	1.5	406	4,075	4.2	10.0	1.4	854	8,292	3.1	9.7	1.5
Arteries	440-448	216	1,840	1.1	8.5	0.7	98	790	0.8	8.1	0.3	314	2,630	1.0	8.4	0.5
Respiratory System Diseases	460-519	586	5,084	2.9	8.7	1.8	479	4,014	4.1	8.4	1.4	1,065	9,098	3.4	8.5	1.6
Pneumonia/Influenza	480-487	153	1,677	1.0	11.0	0.6	109	1,210	1.2	11.1	0.4	262	2,887	1.1	11.0	0.5
Chronic Pulmonary Disease*	491-492, 496	311	2,013	1.2	6.5	0.7	264	1,545	1.6	5.9	0.5	575	3,558	1.3	6.2	0.6
Asthma	493	26	260	0.2	10.0	0.1	28	305	0.3	10.9	0.1	54	565	0.2	10.5	0.1
Digestive System Diseases	520-579	353	5,164	3.0	14.6	1.9	235	2,985	3.0	12.7	1.1	588	8,149	3.0	13.9	1.5
Chronic Liver Disease/Cirrhosis	571	189	2,898	1.7	15.3	1.1	93	1,393	1.4	15.0	0.5	282	4,290	1.6	15.2	0.8
Congenital Anomalies	740-759	76	4,314	2.5	56.8	2.2	56	2,842	2.9	50.8	1.5	132	7,156	2.6	54.2	1.8
Perinatal	760-779	61	4,545	2.6	74.5	2.4	46	3,427	3.5	74.5	1.9	107	7,972	2.9	74.5	2.2
External Causes	E800-E999	1,623	56,376	32.7	34.7	24.4	497	15,849	16.2	31.9	6.9	2,120	72,224	26.7	34.1	15.7
Motor Vehicle Traffic Accidents	E810-E819	309	12,522	7.3	40.5	5.7	123	4,834	4.9	39.3	2.2	432	17,356	6.4	40.2	4.0
Accidental Poisoning	E850-E869	321	11,602	6.7	36.1	5.0	71	2,473	2.5	34.8	1.0	392	14,075	5.2	35.9	3.0
Accidental Falls	E880-E888	90	2,170	1.3	24.1	0.9	35	428	0.4	12.2	0.2	125	2,597	1.0	20.8	0.5
Suicide	E950-E959	484	15,275	8.9	31.6	6.4	148	4,460	4.6	30.1	1.9	632	19,735	7.3	31.2	4.2
Homicide	E960-E969	58	2,307	1.3	39.8	1.0	32	1,207	1.2	37.7	0.5	90	3,514	1.3	39.0	0.8
Fire and Flames	E890-E899	23	824	0.5	35.8	0.4	14	315	0.3	22.5	0.1	37	1,139	0.4	30.8	0.2
All Other Causes		668	12,427	7.2	18.6	5.2	536	9,034	9.2	16.9	3.7	1,204	21,461	7.9	17.8	4.5
Total Deaths		**10,855**	**172,399**	**100.0**	**15.9**	**68.9**	**6,959**	**97,921**	**100.0**	**14.1**	**37.9**	**17,814**	**270,320**	**100.0**	**15.2**	**53.4**
Alcohol-Related Deaths	see glossary	1,267	23,198	13.5	18.3	9.0	365	5,903	6.0	16.2	2.2	1,632	29,100	10.8	17.8	5.6
Drug Induced Deaths	see glossary	389	13,522	7.8	34.8	5.8	139	4,473	4.6	32.2	1.9	528	17,995	6.7	34.1	3.8

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 13c

Potential Years of Life Lost (Age Under 75 Years)

British Columbia, 1991 - 1998

Status Indians in North West																
		Male					Female					Total				
			PYLL					PYLL					PYLL			
Causes of Death	ICD9 Codes	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate
Infectious/Parasitic Diseases	001-139	6	274	3.5	45.7	3.8	7	187	4.3	26.7	3.1	13	461	3.8	35.5	3.4
AIDS/HIV Infections	042-044	2	80	1.0	40.0	1.3	-	-	-	-	-	2	80	0.7	40.0	0.6
Tuberculosis	010-018, 137	-	-	-	-	-	1	18	0.4	17.5	0.4	1	18	0.1	17.5	0.2
Cancer	140-208	46	750	9.5	16.3	16.9	38	655	15.0	17.2	14.2	84	1,405	11.4	16.7	15.6
Lung	162	10	140	1.8	14.0	3.5	10	95	2.2	9.5	2.7	20	235	1.9	11.8	3.1
Female Breast	174	-	-	-	-	-	9	243	5.6	26.9	4.1	9	243	2.0	26.9	4.1
Colorectal	153-154	6	115	1.5	19.2	2.6	-	-	-	-	-	6	115	0.9	19.2	1.3
Cervical	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate	185	4	30	0.4	7.5	1.0	-	-	-	-	-	4	30	0.2	7.5	1.0
Endocrine/Nutritional/Metabolic	240-279	2	15	0.2	7.5	0.5	11	195	4.5	17.7	3.8	13	210	1.7	16.1	2.2
Diabetes	250	2	15	0.2	7.5	0.5	7	88	2.0	12.5	2.1	9	103	0.8	11.4	1.3
Circulatory System Diseases	390-459	62	1,060	13.4	17.1	23.3	25	428	9.8	17.1	8.9	87	1,488	12.1	17.1	16.1
Ischaemic Heart	410-414, 429.2	33	568	7.2	17.2	12.4	8	130	3.0	16.3	2.6	41	698	5.7	17.0	7.5
Cerebrovascular/Stroke	430-434, 436-438	7	103	1.3	14.6	2.3	6	115	2.6	19.2	2.2	13	218	1.8	16.7	2.3
Arteries	440-448	4	95	1.2	23.8	1.9	-	-	-	-	-	4	95	0.8	23.8	0.9
Respiratory System Diseases	460-519	9	158	2.0	17.5	3.7	12	140	3.2	11.7	3.6	21	298	2.4	14.2	3.6
Pneumonia/Influenza	480-487	7	138	1.7	19.6	3.0	5	78	1.8	15.5	1.7	12	215	1.8	17.9	2.4
Chronic Pulmonary Disease*	491-492, 496	1	8	0.1	7.5	0.3	4	45	1.0	11.3	1.2	5	53	0.4	10.5	0.8
Asthma	493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digestive System Diseases	520-579	17	238	3.0	14.0	5.7	7	123	2.8	17.5	2.7	24	360	2.9	15.0	4.2
Chronic Liver Disease/Cirrhosis	571	6	70	0.9	11.7	1.9	3	73	1.7	24.2	1.4	9	143	1.2	15.8	1.6
Congenital Anomalies	740-759	4	229	2.9	57.3	2.9	2	142	3.3	71.0	1.6	6	371	3.0	61.8	2.2
Perinatal	760-779	3	224	2.8	74.5	2.3	3	224	5.1	74.5	2.5	6	447	3.6	74.5	2.4
External Causes	E800-E999	98	4,034	51.0	41.2	60.6	34	1,305	30.0	38.4	18.7	132	5,339	43.5	40.4	38.9
Motor Vehicle Traffic Accidents	E810-E819	20	940	11.9	47.0	12.9	7	328	7.5	46.8	4.4	27	1,267	10.3	46.9	8.5
Accidental Poisoning	E850-E869	13	513	6.5	39.4	7.9	6	255	5.9	42.5	3.6	19	768	6.3	40.4	5.8
Accidental Falls	E880-E888	2	55	0.7	27.5	1.0	3	28	0.6	9.2	0.8	5	83	0.7	16.5	0.9
Suicide	E950-E959	29	1,238	15.6	42.7	18.4	7	303	7.0	43.2	4.2	36	1,540	12.5	42.8	11.0
Homicide	E960-E969	5	257	3.2	51.4	3.6	1	43	1.0	42.5	0.6	6	300	2.4	49.9	2.0
Fire and Flames	E890-E899	2	30	0.4	15.0	0.6	1	33	0.8	32.5	0.5	3	63	0.5	20.8	0.6
All Other Causes		24	936	11.8	39.0	12.6	26	960	22.0	36.9	14.0	50	1,896	15.4	37.9	13.4
Total Deaths		**271**	**7,916**	**100.0**	**29.2**	**132.2**	**165**	**4,357**	**100.0**	**26.4**	**73.2**	**436**	**12,273**	**100.0**	**28.1**	**101.9**
Alcohol-Related Deaths	see glossary	84	2,372	30.0	28.2	41.3	24	690	15.8	28.8	11.8	108	3,062	24.9	28.4	26.2
Drug Induced Deaths	see glossary	8	265	3.3	33.1	4.7	12	395	9.1	32.9	6.1	20	660	5.4	33.0	5.4

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 13c

Potential Years of Life Lost (Age Under 75 Years)

British Columbia, 1991 - 1998

All Other Residents In North West

Causes of Death	ICD9 Codes	Male					Female					Total				
		Deaths	PYLL Total	%	Avg.	Rate	Deaths	PYLL Total	%	Avg.	Rate	Deaths	PYLL Total	%	Avg.	Rate
Infectious/Parasitic Diseases	001-139	5	108	0.7	21.5	0.6	4	75	1.3	18.8	0.4	9	183	0.8	20.3	0.5
AIDS/HIV Infections	042-044	1	43	0.3	42.5	0.2	-	-	-	-	-	1	43	0.2	42.5	0.1
Tuberculosis	010-018, 137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cancer	140-208	204	3,040	18.6	14.9	16.1	140	2,320	38.9	16.6	14.0	344	5,360	24.1	15.6	15.1
Lung	162	77	1,093	6.7	14.2	5.6	37	538	9.0	14.5	3.4	114	1,630	7.3	14.3	4.6
Female Breast	174	-	-	-	-	-	27	538	9.0	19.9	3.1	27	538	2.4	19.9	3.1
Colorectal	153-154	14	140	0.9	10.0	0.8	-	-	-	-	-	23	273	1.2	11.8	0.8
Cervical	180	-	-	-	-	-	4	100	1.7	25.0	0.5	4	100	0.4	25.0	0.5
Prostate	185	6	25	0.2	4.2	0.2	-	-	-	-	-	6	25	0.1	4.2	0.2
Endocrine/Nutritional/Metabolic	240-279	12	180	1.1	15.0	1.0	8	182	3.1	22.8	1.1	20	362	1.6	18.1	1.0
Diabetes	250	10	115	0.7	11.5	0.7	6	85	1.4	14.2	0.6	16	200	0.9	12.5	0.6
Circulatory System Diseases	390-459	199	2,738	16.8	13.8	14.4	84	985	16.5	11.7	6.5	283	3,723	16.7	13.2	10.8
Ischaemic Heart	410-414, 429.2	132	1,815	11.1	13.8	9.4	33	348	5.8	10.5	2.4	165	2,163	9.7	13.1	6.2
Cerebrovascular/Stroke	430-434, 436-438	27	363	2.2	13.4	2.0	17	268	4.5	15.7	1.6	44	630	2.8	14.3	1.8
Arteries	440-448	6	55	0.3	9.2	0.3	2	5	0.1	2.5	0.0	8	60	0.3	7.5	0.2
Respiratory System Diseases	460-519	46	650	4.0	14.1	3.6	11	93	1.6	8.4	0.8	57	743	3.3	13.0	2.3
Pneumonia/Influenza	480-487	19	333	2.0	17.5	1.8	3	23	0.4	7.5	0.2	22	355	1.6	16.1	1.1
Chronic Pulmonary Disease*	491-492, 496	18	185	1.1	10.3	1.2	7	68	1.1	9.6	0.5	25	253	1.1	10.1	0.9
Asthma	493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digestive System Diseases	520-579	26	405	2.5	15.6	2.1	8	150	2.5	18.8	0.9	34	555	2.5	16.3	1.6
Chronic Liver Disease/Cirrhosis	571	11	188	1.2	17.0	0.9	3	63	1.1	20.8	0.3	14	250	1.1	17.9	0.7
Congenital Anomalies	740-759	6	442	2.7	73.7	2.2	5	321	5.4	64.1	1.7	11	763	3.4	69.3	1.9
Perinatal	760-779	5	373	2.3	74.5	1.9	5	373	6.3	74.5	2.0	10	745	3.3	74.5	1.9
External Causes	E800-E999	195	7,071	43.4	36.3	34.9	24	1,030	17.3	42.9	5.6	219	8,101	36.4	37.0	21.3
Motor Vehicle Traffic Accidents	E810-E819	55	2,266	13.9	41.2	11.2	11	498	8.4	45.2	2.8	66	2,764	12.4	41.9	7.3
Accidental Poisoning	E850-E869	26	835	5.1	32.1	3.9	4	145	2.4	36.3	0.8	30	980	4.4	32.7	2.5
Accidental Falls	E880-E888	4	125	0.8	31.3	0.6	1	13	0.2	12.5	0.1	5	138	0.6	27.5	0.4
Suicide	E950-E959	40	1,305	8.0	32.6	6.6	4	130	2.2	32.5	0.7	44	1,435	6.4	32.6	3.8
Homicide	E960-E969	9	338	2.1	37.5	1.7	-	-	-	-	-	9	338	1.5	37.5	0.9
Fire and Flames	E890-E899	7	233	1.4	33.2	1.2	2	120	2.0	60.0	0.6	9	353	1.6	39.2	0.9
All Other Causes		51	1,300	8.0	25.5	6.3	23	437	7.3	19.0	2.6	74	1,737	7.8	23.5	4.6
Total Deaths		**749**	**16,305**	**100.0**	**21.8**	**83.0**	**312**	**5,964**	**100.0**	**19.1**	**35.5**	**1,061**	**22,269**	**100.0**	**21.0**	**61.1**
Alcohol-Related Deaths	see glossary	116	2,405	14.8	20.7	12.1	20	290	4.9	14.5	1.8	136	2,695	12.1	19.8	7.4
Drug Induced Deaths	see glossary	29	913	5.6	31.5	4.3	4	145	2.4	36.3	0.8	33	1,058	4.8	32.0	2.7

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 13d

Potential Years of Life Lost (Age Under 75 Years)

British Columbia, 1991 - 1998

Status Indians in North East

Causes of Death	ICD9 Codes	Male					Female					Total				
			PYLL					PYLL					PYLL			
		Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate	Deaths	Total	%	Avg.	Rate
Infectious/Parasitic Diseases	001-139	11	392	2.7	35.6	4.4	8	200	2.3	25.0	2.7	19	592	2.6	31.1	3.5
AIDS/HIV Infections	042-044	6	210	1.4	35.0	2.7	-	-	-	-	-	6	210	0.9	35.0	1.3
Tuberculosis	010-018, 137	1	18	0.1	17.5	0.4	5	98	1.1	19.5	1.4	6	115	0.5	19.2	0.9
Cancer	140-208	55	868	6.0	15.8	15.4	35	578	6.8	16.5	10.5	90	1,445	6.3	16.1	12.9
Lung	162	10	140	1.0	14.0	2.6	7	93	1.1	13.2	1.8	17	233	1.0	13.7	2.2
Female Breast	174	-	-	-	-	-	7	128	1.5	18.2	2.1	7	128	0.6	18.2	2.1
Colorectal	153-154	6	75	0.5	12.5	1.7	1	28	0.3	27.5	0.4	7	103	0.4	14.6	1.1
Cervical	180	-	-	-	-	-	2	60	0.7	30.0	0.8	2	60	0.3	30.0	0.8
Prostate	185	6	40	0.3	6.7	0.9	-	-	-	-	-	6	40	0.2	6.7	0.9
Endocrine/Nutritional/Metabolic	240-279	6	227	1.6	37.8	2.6	6	110	1.3	18.3	1.9	12	337	1.5	28.1	2.2
Diabetes	250	2	35	0.2	17.5	0.7	3	28	0.3	9.2	0.8	5	63	0.3	12.5	0.7
Circulatory System Diseases	390-459	71	1,149	7.9	16.2	19.7	43	808	9.5	18.8	13.2	114	1,957	8.5	17.2	16.5
Ischaemic Heart	410-414, 429.2	34	415	2.9	12.2	8.7	14	150	1.8	10.7	3.6	48	565	2.5	11.8	6.1
Cerebrovascular/Stroke	430-434, 436-438	9	78	0.5	8.6	1.9	15	318	3.7	21.2	5.0	24	395	1.7	16.5	3.5
Arteries	440-448	3	95	0.7	31.5	1.0	1	8	0.1	7.5	0.2	4	102	0.4	25.5	0.6
Respiratory System Diseases	460-519	21	283	1.9	13.5	5.3	11	355	4.2	32.2	4.1	32	637	2.8	19.9	4.7
Pneumonia/Influenza	480-487	11	208	1.4	18.9	3.3	7	193	2.3	27.5	2.6	18	400	1.7	22.2	2.9
Chronic Pulmonary Disease*	491-492, 496	3	33	0.2	10.8	0.8	1	23	0.3	22.5	0.4	4	55	0.2	13.8	0.6
Asthma	493	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digestive System Diseases	520-579	16	367	2.5	22.9	5.5	26	635	7.4	24.4	9.9	42	1,002	4.3	23.9	7.8
Chronic Liver Disease/Cirrhosis	571	6	192	1.3	32.0	2.4	17	433	5.1	25.4	6.5	23	625	2.7	27.2	4.6
Congenital Anomalies	740-759	5	366	2.5	73.1	2.2	4	276	3.2	69.0	1.9	9	642	2.8	71.3	2.1
Perinatal	760-779	10	745	5.1	74.5	4.4	6	447	5.2	74.5	2.9	16	1,192	5.2	74.5	3.7
External Causes	E800-E999	210	8,543	58.8	40.7	94.6	91	3,948	46.3	43.4	39.1	301	12,491	54.2	41.5	65.8
Motor Vehicle Traffic Accidents	E810-E819	80	3,240	22.3	40.5	35.6	36	1,590	18.6	44.2	15.3	116	4,830	21.0	41.6	25.1
Accidental Poisoning	E850-E869	23	833	5.7	36.2	10.4	11	448	5.3	40.7	4.8	34	1,280	5.6	37.6	7.5
Accidental Falls	E880-E888	8	245	1.7	30.6	3.1	5	118	1.4	23.5	1.7	13	363	1.6	27.9	2.3
Suicide	E950-E959	40	1,715	11.8	42.9	18.2	12	610	7.2	50.8	5.4	52	2,325	10.1	44.7	11.6
Homicide	E960-E969	18	745	5.1	41.4	8.3	9	377	4.4	41.9	4.0	27	1,122	4.9	41.6	6.1
Fire and Flames	E890-E899	13	636	4.4	48.9	6.0	5	279	3.3	55.8	2.4	18	915	4.0	50.8	4.1
All Other Causes		42	1,579	10.9	37.6	15.4	38	1,173	13.8	30.9	13.9	80	2,752	11.9	34.4	14.8
Total Deaths		**447**	**14,517**	**100.0**	**32.5**	**169.3**	**268**	**8,528**	**100.0**	**31.8**	**100.2**	**715**	**23,045**	**100.0**	**32.2**	**133.9**
Alcohol-Related Deaths	see glossary	122	3,445	23.7	28.2	45.9	56	1,757	20.6	31.4	22.2	178	5,202	22.6	29.2	33.7
Drug Induced Deaths	see glossary	22	840	5.8	38.2	10.1	14	605	7.1	43.2	6.1	36	1,445	6.3	40.1	8.0

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 13d

Potential Years of Life Lost (Age Under 75 Years)

British Columbia, 1991 - 1998

All Other Residents in North East

Causes of Death	ICD9 Codes	Male					Female					Total				
		Deaths	PYLL Total	%	Avg.	Rate	Deaths	PYLL Total	%	Avg.	Rate	Deaths	PYLL Total	%	Avg.	Rate
Infectious/Parasitic Diseases	001-139	52	1,397	1.8	26.9	1.4	26	777	2.0	29.9	0.8	78	2,174	1.9	27.9	1.1
AIDS/HIV Infections	042-044	20	800	1.0	40.0	0.8	3	133	0.3	44.2	0.2	23	933	0.8	40.5	0.5
Tuberculosis	010-018, 137	3	13	0.0	4.2	0.0	1	3	0.0	2.5	0.0	4	15	0.0	3.8	0.0
Cancer	140-208	1,011	12,623	16.6	12.5	13.7	786	13,235	33.8	16.8	15.1	1,797	25,858	22.4	14.4	14.4
Lung	162	358	3,645	4.8	10.2	4.1	212	2,910	7.4	13.7	3.5	570	6,555	5.7	11.5	3.8
Female Breast	174	-	-	-	-	-	151	2,818	7.2	18.7	3.1	151	2,818	2.4	18.7	3.1
Colorectal	153-154	76	870	1.1	11.4	1.0	59	813	2.1	13.8	1.0	135	1,683	1.5	12.5	1.0
Cervical	180	-	-	-	-	-	26	610	1.6	23.5	0.7	26	610	0.5	23.5	0.7
Prostate	185	82	605	0.8	7.4	0.8	-	-	-	-	-	82	605	0.5	7.4	0.8
Endocrine/Nutritional/Metabolic	240-279	80	1,384	1.8	17.3	1.5	67	992	2.5	14.8	1.2	147	2,376	2.1	16.2	1.3
Diabetes	250	61	818	1.1	13.4	0.9	52	555	1.4	10.7	0.7	113	1,373	1.2	12.1	0.8
Circulatory System Diseases	390-459	963	12,841	16.8	13.3	13.5	399	4,625	11.8	11.6	5.7	1,362	17,465	15.1	12.8	9.9
Ischaemic Heart	410-414, 429.2	634	8,440	11.1	13.3	8.8	182	1,855	4.7	10.2	2.4	816	10,295	8.9	12.6	5.8
Cerebrovascular/Stroke	430-434, 436-438	109	1,405	1.8	12.9	1.5	94	1,230	3.1	13.1	1.5	203	2,635	2.3	13.0	1.5
Arteries	440-448	56	635	0.8	11.3	0.7	22	210	0.5	9.5	0.3	78	845	0.7	10.8	0.5
Respiratory System Diseases	460-519	202	2,335	3.1	11.6	2.6	122	1,517	3.9	12.4	1.8	324	3,851	3.3	11.9	2.2
Pneumonia/Influenza	480-487	56	860	1.1	15.3	0.9	42	560	1.4	13.3	0.7	98	1,419	1.2	14.5	0.8
Chronic Pulmonary Disease*	491-492, 496	109	938	1.2	8.6	1.1	54	455	1.2	8.4	0.6	163	1,393	1.2	8.5	0.9
Asthma	493	11	183	-	16.6	0.2	6	155	-	25.8	0.2	17	338	-	19.9	0.2
Digestive System Diseases	520-579	127	2,098	2.8	16.5	2.1	76	1,230	3.1	16.2	1.4	203	3,328	2.9	16.4	1.7
Chronic Liver Disease/Cirrhosis	571	56	1,055	1.4	18.8	1.0	30	620	1.6	20.7	0.7	86	1,675	1.5	19.5	0.9
Congenital Anomalies	740-759	34	2,370	3.1	69.7	2.4	15	984	2.5	65.6	1.0	49	3,354	2.9	68.4	1.7
Perinatal	760-779	34	2,533	3.3	74.5	2.6	34	2,533	6.5	74.5	2.6	68	5,066	4.4	74.5	2.6
External Causes	E800-E999	906	33,789	44.3	37.3	32.7	230	9,627	24.6	41.9	9.8	1,136	43,416	37.6	38.2	21.7
Motor Vehicle Traffic Accidents	E810-E819	301	12,669	16.6	42.1	12.3	108	4,914	12.5	45.5	5.0	409	17,583	15.2	43.0	8.8
Accidental Poisoning	E850-E869	72	2,550	3.3	35.4	2.4	21	813	2.1	38.7	0.8	93	3,362	2.9	36.2	1.7
Accidental Falls	E880-E888	27	657	0.9	24.3	0.7	12	315	0.8	26.3	0.3	39	972	0.8	24.9	0.5
Suicide	E950-E959	208	6,975	9.1	33.5	6.8	28	1,075	2.7	38.4	1.1	236	8,050	7.0	34.1	4.1
Homicide	E960-E969	51	2,047	2.7	40.1	2.0	13	584	1.5	44.9	0.6	64	2,631	2.3	41.1	1.3
Fire and Flames	E890-E899	12	350	0.5	29.1	0.3	9	450	1.1	49.9	0.4	21	799	0.7	38.0	0.4
All Other Causes		204	4,903	6.4	24.0	4.9	140	3,663	9.3	26.2	3.9	344	8,566	7.4	24.9	4.4
Total Deaths		**3,613**	**76,271**	**100.0**	**21.1**	**77.3**	**1,895**	**39,181**	**100.0**	**20.7**	**43.4**	**5,508**	**115,452**	**100.0**	**21.0**	**61.2**
Alcohol-Related Deaths	see glossary	426	8,610	11.3	20.2	8.5	105	2,163	5.5	20.6	2.4	531	10,773	9.3	20.3	5.6
Drug Induced Deaths	see glossary	83	2,897	3.8	34.9	2.8	30	1,075	2.7	35.8	1.1	113	3,972	3.4	35.2	2.0

Notes: *491-Chronic Bronchitis, 492-Emphysema, 496-Chronic Obstructive Pulmonary Disease. Gender unknown are excluded. Deaths with unknown usual residence are excluded.

Table 14
External Causes of Death by Gender and Age
British Columbia 1991-1998

External Causes of Death	ICD9 Codes	Gender	Status Indians in B.C.												
			Age Group (in years)										Total		
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	1	1	2	5	38	58	115	34	11	3	268	24.6	6.2
		F	1	3	2	2	19	14	57	14	7	3	122	23.8	2.7
		T	2	4	4	7	57	72	172	48	18	6	390	24.3	4.4
Drowning	E830, E832, E910	M	-	1	3	-	5	8	38	11	3	1	70	6.4	1.7
		F	-	3	-	-	-	1	1	3	-	-	8	1.6	0.2
		T	-	4	3	-	5	9	39	14	3	1	78	4.9	0.9
Accidental Poisoning	E850-E869	M	-	-	-	3	4	10	147	42	2	1	209	19.2	4.9
		F	-	-	-	-	5	9	106	19	1	-	140	27.3	2.8
		T	-	-	-	3	9	19	253	61	3	1	349	21.8	3.8
Accidental Falls	E880-E888	M	-	1	-	-	4	4	19	16	10	8	62	5.7	2.4
		F	1	-	1	-	1	-	4	9	5	23	44	8.6	2.2
		T	1	1	1	-	5	4	23	25	15	31	106	6.6	2.3
Fire/Flames	E890-E899	M	-	7	2	-	4	4	8	8	4	3	40	3.7	1.2
		F	1	1	3	-	-	-	9	4	2	1	21	4.1	0.5
		T	1	8	5	-	4	4	17	12	6	4	61	3.8	0.8
Suicide	E950-E959	M	-	-	-	3	35	45	132	19	6	2	242	22.2	5.2
		F	-	-	-	3	13	17	36	7	2	-	78	15.2	1.5
		T	-	-	-	6	48	62	168	26	8	2	320	20.0	3.3
Homicide	E960-E969	M	1	4	1	-	4	13	38	11	-	-	72	6.6	1.6
		F	1	2	-	-	2	7	22	6	2	-	42	8.2	0.9
		T	2	6	1	-	6	20	60	17	2	-	114	7.1	1.2
Other		M	2	3	3	3	5	9	60	32	8	2	127	11.7	3.4
		F	4	3	-	-	4	2	22	15	5	3	58	11.3	1.6
		T	6	6	3	3	9	11	82	47	13	5	185	11.5	2.5
All External Causes	E800-E999	M	4	17	11	14	99	151	557	173	44	20	1,090	100.0	26.6
		F	8	12	6	5	44	50	257	77	24	30	513	100.0	12.4
		T	12	29	17	19	143	201	814	250	68	50	1,603	100.0	19.2

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.

Table 14

External Causes of Death by Gender and Age

British Columbia 1991-1998

External Causes of Death	ICD9 Codes	Gender	All Others B.C. Residents												
			Age Group (in years)										Total		
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	6	14	27	41	311	378	807	372	106	157	2,219	20.4	1.6
		F	6	14	18	17	134	97	255	171	112	127	951	20.6	0.6
		T	12	28	45	58	445	475	1,062	543	218	284	3,170	20.5	1.1
Drowning	E830, E832, E910	M	1	18	8	3	49	44	192	81	35	20	451	4.1	0.3
		F	3	10	4	1	5	9	11	25	12	12	92	2.0	0.1
		T	4	28	12	4	54	53	203	106	47	32	543	3.5	0.2
Accidental Poisoning	E850-E869	M	-	2	-	1	28	95	1,384	469	47	21	2,047	18.8	1.4
		F	-	-	-	-	16	24	293	109	29	25	496	10.8	0.3
		T	-	2	-	1	44	119	1,677	578	76	46	2,543	16.4	0.9
Accidental Falls	E880-E888	M	1	5	3	4	22	33	122	127	153	763	1,233	11.3	0.9
		F	-	2	-	3	4	6	22	49	101	1,206	1,393	30.2	0.7
		T	1	7	3	7	26	39	144	176	254	1,969	2,626	17.0	0.8
Fire/Flames	E890-E899	M	3	7	5	5	5	9	32	38	23	18	145	1.3	0.1
		F	1	3	5	4	2	2	12	17	13	19	78	1.7	0.0
		T	4	10	10	9	7	11	44	55	36	37	223	1.4	0.1
Suicide	E950-E959	M	-	-	1	21	110	228	1,231	789	226	209	2,815	25.9	1.9
		F	-	-	-	7	29	40	319	238	87	67	787	17.1	0.5
		T	-	-	1	28	139	268	1,550	1,027	313	276	3,602	23.3	1.2
Homicide	E960-E969	M	4	9	6	6	30	51	256	90	14	12	478	4.4	0.3
		F	10	6	8	8	21	27	88	40	7	25	240	5.2	0.2
		T	14	15	14	14	51	78	344	130	21	37	718	4.6	0.3
Other		M	16	14	16	23	60	87	541	352	135	236	1,480	13.6	1.0
		F	3	12	7	12	9	23	102	86	74	246	574	12.4	0.3
		T	19	26	23	35	69	110	643	438	209	482	2,054	13.3	0.7
All External Causes	E800-E999	M	31	69	66	104	615	925	4,565	2,318	739	1,436	10,868	100.0	7.6
		F	23	47	42	52	220	228	1,102	735	435	1,727	4,611	100.0	2.8
		T	54	116	108	156	835	1,153	5,667	3,053	1,174	3,163	15,479	100.0	5.2

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.

Table 14a

External Causes of Death by Gender and Age

British Columbia 1991-1998

Status Indians in South Mainland															
External			Age Group (in years)										Total		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle	E810-E819	M	1	-	1	2	15	34	52	17	4	2	128	11.7	6.6
Traffic Accidents		F	1	1	1	1	6	3	29	11	3	1	57	11.1	2.9
		T	2	1	2	3	21	37	81	28	7	3	185	11.5	4.7
Drowning	E830, E832, E910	M	-	1	2	-	2	5	16	4	1	1	32	2.9	1.7
		F	-	1	-	-	-	1	1	1	-	-	4	0.8	0.2
		T	-	2	2	-	2	6	17	5	1	1	36	2.2	0.9
Poisoning	E850-E869	M	-	-	-	-	2	7	100	28	1	1	139	12.8	7.1
		F	-	-	-	-	4	5	81	15	1	-	106	20.7	4.7
		T	-	-	-	-	6	12	181	43	2	1	245	15.3	5.8
Accidental falls	E880-E888	M	-	1	-	-	2	4	11	8	7	4	37	3.4	3.3
		F	-	-	1	-	-	-	4	3	1	8	17	3.3	1.8
		T	-	1	1	-	2	4	15	11	8	12	54	3.4	2.5
Fire and flames	E890-E899	M	-	1	2	-	-	3	3	2	3	-	14	1.3	1.0
		F	-	-	-	-	-	-	5	1	1	-	7	1.4	0.4
		T	-	1	2	-	-	3	8	3	4	-	21	1.3	0.7
Suicide	E950-E959	M	-	-	-	1	12	15	63	9	2	-	102	9.4	4.8
		F	-	-	-	-	4	6	17	5	1	-	33	6.4	1.5
		T	-	-	-	1	16	21	80	14	3	-	135	8.4	3.1
Homicide	E960-E969	M	1	1	-	-	2	4	21	7	-	-	36	3.3	1.8
		F	1	-	-	-	2	5	11	3	2	-	24	4.7	1.1
		T	2	1	-	-	4	9	32	10	2	-	60	3.7	1.4
Other		M	1	-	-	2	3	5	34	24	4	1	74	6.8	4.7
		F	2	-	-	-	2	1	9	8	1	1	24	4.7	1.4
		T	3	-	-	2	5	6	43	32	5	2	98	6.1	3.0
All External Causes	E800-E999	M	3	4	5	5	38	77	300	99	22	9	562	51.6	31.0
		F	4	2	2	1	18	21	157	47	10	10	272	53.0	14.0
		T	7	6	7	6	56	98	457	146	32	19	834	52.0	22.1

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

Table 14a

External Causes of Death by Gender and Age

British Columbia 1991-1998

All Other Residents in South Mainland															
External Causes of Death	**ICD9 Codes**	**Gender**	**Age Group (in years)**										**Total**		
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	5	9	17	26	221	242	558	241	77	115	1,511	13.9	1.5
		F	4	6	11	13	82	68	175	127	95	103	684	14.8	0.6
		T	9	15	28	39	303	310	733	368	172	218	2,195	14.2	1.0
Drowning	E830, E832, E910	M	-	10	5	2	28	29	107	46	28	16	271	2.5	0.3
		F	3	8	1	1	3	5	7	15	8	9	60	1.3	0.1
		T	3	18	6	3	31	34	114	61	36	25	331	2.1	0.2
Poisoning	E850-E869	M	-	-	-	1	15	75	1,101	368	38	16	1,614	14.9	1.5
		F	-	-	-	-	9	23	228	88	26	18	392	8.5	0.4
		T	-	-	-	1	24	98	1,329	456	64	34	2,006	13.0	0.9
Accidental falls	E880-E888	M	1	3	3	4	13	28	92	93	112	518	867	8.0	0.9
		F	-	2	-	2	3	4	18	34	76	806	945	20.5	0.6
		T	1	5	3	6	16	32	110	127	188	1,324	1,812	11.7	0.7
Fire and flames	E890-E899	M	2	5	3	3	3	6	26	21	16	10	95	0.9	0.1
		F	-	3	3	1	-	2	7	9	9	12	46	1.0	0.0
		T	2	8	6	4	3	8	33	30	25	22	141	0.9	0.1
Suicide	E950-E959	M	-	-	1	13	80	175	903	534	165	160	2,031	18.7	1.9
		F	-	-	-	5	21	31	231	181	70	47	586	12.7	0.5
		T	-	-	1	18	101	206	1,134	715	235	207	2,617	16.9	1.2
Homicide	E960-E969	M	3	7	3	4	21	36	197	63	9	9	352	3.2	0.3
		F	6	4	8	7	14	24	71	28	5	22	189	4.1	0.2
		T	9	11	11	11	35	60	268	91	14	31	541	3.5	0.3
Other		M	11	9	6	14	31	64	341	221	84	178	959	8.8	0.9
		F	3	10	7	6	5	15	76	63	55	174	414	9.0	0.3
		T	14	19	13	20	36	79	417	284	139	352	1,373	8.9	0.6
All External Causes	E800-E999	M	22	43	38	67	412	655	3,325	1,587	529	1,022	7,700	70.9	7.3
		F	16	33	30	35	137	172	813	545	344	1,191	3,316	71.9	2.8
		T	38	76	68	102	549	827	4,138	2,132	873	2,213	11,016	71.2	5.0

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

Table 14b

External Causes of Death by Gender and Age

British Columbia 1991-1998

Status Indians in Vancouver Island															
External			**Age Group (in years)**										**Total**		
Causes of Death	**ICD9 Codes**	**Gender**	<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle	E810-E819	M	-	-	-	2	10	6	16	4	1	-	39	3.6	4.0
Traffic Accidents		F	-	2	-	1	2	4	9	1	1	1	21	4.1	2.1
		T	-	2	-	3	12	10	25	5	2	1	60	3.7	3.0
Drowning	E830, E832, E910	M	-	-	1	-	2	1	8	2	1	-	15	1.4	1.9
		F	-	1	-	-	-	-	-	1	-	-	2	0.4	0.2
		T	-	1	1	-	2	1	8	3	1	-	17	1.1	1.0
Poisoning	E850-E869	M	-	-	-	1	-	2	24	7	-	-	34	3.1	3.9
		F	-	-	-	-	1	2	11	3	-	-	17	3.3	1.6
		T	-	-	-	1	1	4	35	10	-	-	51	3.2	2.6
Accidental falls	E880-E888	M	-	-	-	-	-	-	5	5	1	-	11	1.0	1.8
		F	1	-	-	-	-	-	-	2	1	4	8	1.6	2.0
		T	1	-	-	-	-	-	5	7	2	4	19	1.2	1.9
Fire and flames	E890-E899	M	-	2	-	-	2	-	3	1	-	3	11	1.0	2.0
		F	-	-	2	-	-	-	2	2	1	-	7	1.4	0.8
		T	-	2	2	-	2	-	5	3	1	3	18	1.1	1.3
Suicide	E950-E959	M	-	-	-	2	14	16	33	4	-	1	70	6.4	6.7
		F	-	-	-	2	4	7	11	2	-	-	26	5.1	2.1
		T	-	-	-	4	18	23	44	6	-	1	96	6.0	4.3
Homicide	E960-E969	M	-	2	-	-	2	4	4	1	-	-	13	1.2	1.1
		F	-	1	-	-	-	1	4	2	-	-	8	1.6	0.8
		T	-	3	-	-	2	5	8	3	-	-	21	1.3	1.0
Other		M	1	3	1	1	-	1	9	2	2	-	20	1.8	2.4
		F	2	1	-	-	-	-	5	2	2	1	13	2.5	1.8
		T	3	4	1	1	-	1	14	4	4	1	33	2.1	2.1
All External Causes	E800-E999	M	1	7	2	6	30	30	102	26	5	4	213	19.5	23.8
		F	3	5	2	3	7	14	42	15	5	6	102	19.9	11.5
		T	4	12	4	9	37	44	144	41	10	10	315	19.7	17.2

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

Table 14b

External Causes of Death by Gender and Age

British Columbia 1991-1998

All Other Residents in Vancouver Island														
External Causes of Death	**ICD9 Codes**	**Gender**	**Age Group (in years)**										**Total**	
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	-	1	3	7	40	61	118	61	18	31	340	3.1	1.4
		F	1	2	2	-	20	21	39	28	10	20	143	3.1	0.5
		T	1	3	5	7	60	82	157	89	28	51	483	3.1	1.0
Drowning	E830, E832, E910	M	-	2	-	1	11	8	47	17	5	3	94	0.9	0.4
		F	-	2	2	-	1	3	2	8	3	3	24	0.5	0.1
		T	-	4	2	1	12	11	49	25	8	6	118	0.8	0.2
Poisoning	E850-E869	M	-	1	-	-	11	14	217	72	6	4	325	3.0	1.3
		F	-	-	-	-	5	-	47	16	3	7	78	1.7	0.3
		T	-	1	-	-	16	14	264	88	9	11	403	2.6	0.8
Accidental falls	E880-E888	M	-	1	-	-	8	5	19	24	33	199	289	2.7	1.0
		F	-	-	-	-	1	-	2	11	21	359	394	8.5	0.8
		T	-	1	-	-	9	5	21	35	54	558	683	4.4	0.9
Fire and flames	E890-E899	M	1	1	1	-	2	1	5	10	2	5	28	0.3	0.1
		F	-	-	1	-	-	-	3	6	4	6	20	0.4	0.1
		T	1	1	2	-	2	1	8	16	6	11	48	0.3	0.1
Suicide	E950-E959	M	-	-	-	4	18	32	216	166	48	46	530	4.9	2.0
		F	-	-	-	1	7	5	72	46	17	18	166	3.6	0.6
		T	-	-	-	5	25	37	288	212	65	64	696	4.5	1.3
Homicide	E960-E969	M	1	-	2	2	5	5	28	12	3	2	60	0.6	0.2
		F	1	1	-	1	3	2	13	10	1	3	35	0.8	0.1
		T	2	1	2	3	8	7	41	22	4	5	95	0.6	0.2
Other		M	4	2	5	4	11	12	109	69	31	39	286	2.6	1.1
		F	-	1	-	3	2	4	10	14	19	58	111	2.4	0.3
		T	4	3	5	7	13	16	119	83	50	97	397	2.6	0.7
All External Causes	E800-E999	M	6	8	11	18	106	138	759	431	146	329	1,952	18.0	7.4
		F	2	6	5	5	39	35	188	139	78	474	971	21.1	2.8
		T	8	14	16	23	145	173	947	570	224	803	2,923	18.9	5.1

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

Table 14c

External Causes of Death by Gender and Age

British Columbia 1991-1998

Status Indians in North West															
External Causes of Death	ICD9 Codes	Gender	Age Group (in years)										Total		
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	-	1	1	-	3	5	8	2	-	-	20	1.8	2.8
		F	-	-	-	-	1	3	2	1	-	1	8	1.6	1.3
		T	-	1	1	-	4	8	10	3	-	1	28	1.7	2.0
Drowning	E830, E832, E910	M	-	-	-	-	1	-	7	2	1	-	11	1.0	2.0
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	1	-	7	2	1	-	11	0.7	0.9
Poisoning	E850-E869	M	-	-	-	2	1	-	7	3	-	-	13	1.2	2.1
		F	-	-	-	-	-	-	6	-	-	-	6	1.2	0.8
		T	-	-	-	2	1	-	13	3	-	-	19	1.2	1.4
Accidental falls	E880-E888	M	-	-	-	-	-	-	1	-	1	3	5	0.5	1.6
		F	-	-	-	-	-	-	-	1	2	3	6	1.2	2.0
		T	-	-	-	-	-	-	1	1	3	6	11	0.7	1.8
Fire and flames	E890-E899	M	-	-	-	-	-	-	-	1	1	-	2	0.2	0.6
		F	-	-	-	-	-	-	1	-	-	-	1	0.2	0.2
		T	-	-	-	-	-	-	1	1	1	-	3	0.2	0.4
Suicide	E950-E959	M	-	-	-	-	2	7	15	4	1	-	29	2.7	4.4
		F	-	-	-	1	1	1	3	-	1	-	7	1.4	1.1
		T	-	-	-	1	3	8	18	4	2	-	36	2.2	2.7
Homicide	E960-E969	M	-	1	-	-	-	-	4	-	-	-	5	0.5	0.7
		F	-	-	-	-	-	-	1	-	-	-	1	0.2	0.1
		T	-	1	-	-	-	-	5	-	-	-	6	0.4	0.4
Other		M	-	-	1	-	-	3	7	4	1	-	16	1.5	2.8
		F	-	1	-	-	-	1	4	1	2	-	9	1.8	1.6
		T	-	1	1	-	-	4	11	5	3	-	25	1.6	2.2
All External Causes	E800-E999	M	-	2	2	2	7	15	49	16	5	3	101	9.3	16.9
		F	-	1	-	1	2	5	17	3	5	4	38	7.4	7.2
		T	-	3	2	3	9	20	66	19	10	7	139	8.7	11.8

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

Table 14c

External Causes of Death by Gender and Age

British Columbia 1991-1998

All Other Residents in North West															
External Causes of Death	**ICD9 Codes**	**Gender**	**Age Group (in years)**										**Total**		
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	-	3	-	2	4	9	25	12	-	1	56	0.5	2.7
		F	-	-	-	1	3	1	3	3	-	-	11	0.2	0.6
		T	-	3	-	3	7	10	28	15	-	1	67	0.4	1.7
Drowning	E830, E832, E910	M	-	-	-	-	2	2	11	7	-	-	22	0.2	1.0
		F	-	-	1	-	1	-	-	-	-	-	2	0.0	0.1
		T	-	-	1	-	3	2	11	7	-	-	24	0.2	0.6
Poisoning	E850-E869	M	-	-	-	-	-	-	19	6	1	-	26	0.2	1.2
		F	-	-	-	-	-	-	3	1	-	-	4	0.1	0.2
		T	-	-	-	-	-	-	22	7	1	-	30	0.2	0.7
Accidental falls	E880-E888	M	-	-	-	-	-	-	3	1	-	7	11	0.1	1.2
		F	-	-	-	-	-	-	-	1	-	9	10	0.2	1.0
		T	-	-	-	-	-	-	3	2	-	16	21	0.1	1.1
Fire and flames	E890-E899	M	-	-	-	1	-	2	-	2	2	-	7	0.1	0.4
		F	-	-	-	1	1	-	-	-	-	-	2	0.0	0.1
		T	-	-	-	2	1	2	-	2	2	-	9	0.1	0.2
Suicide	E950-E959	M	-	-	-	-	1	8	13	16	2	-	40	0.4	2.0
		F	-	-	-	-	-	-	2	2	-	-	4	0.1	0.2
		T	-	-	-	-	1	8	15	18	2	-	44	0.3	1.1
Homicide	E960-E969	M	-	-	-	-	-	3	4	1	1	-	9	0.1	0.5
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
		T	-	-	-	-	-	3	4	1	1	-	9	0.1	0.2
Other		M	-	1	1	-	3	-	14	10	3	1	33	0.3	1.7
		F	-	-	-	-	-	-	-	-	-	1	1	0.0	0.1
		T	-	1	1	-	3	-	14	10	3	2	34	0.2	0.9
All External Causes	E800-E999	M	-	4	1	3	10	24	89	55	9	9	204	1.9	10.6
		F	-	-	1	2	5	1	8	7	-	10	34	0.7	2.3
		T	-	4	2	5	15	25	97	62	9	19	238	1.5	6.8

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

Table 14d

External Causes of Death by Gender and Age

British Columbia 1991-1998

Status Indians in North East															
External Causes of Death	**ICD9 Codes**	**Gender**	**Age Group (in years)**										**Total**		
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	-	-	-	1	10	13	39	11	6	1	81	7.4	10.4
		F	-	-	1	-	10	4	17	1	3	-	36	7.0	4.0
		T	-	-	1	1	20	17	56	12	9	1	117	7.3	7.1
Drowning	E830, E832, E910	M	-	-	-	-	-	2	7	3	-	-	12	1.1	1.5
		F	-	1	-	-	-	-	-	1	-	-	2	0.4	0.2
		T	-	1	-	-	-	2	7	4	-	-	14	0.9	0.8
Poisoning	E850-E869	M	-	-	-	-	1	1	16	4	1	-	23	2.1	3.0
		F	-	-	-	-	-	2	8	1	-	-	11	2.1	1.2
		T	-	-	-	-	1	3	24	5	1	-	34	2.1	2.1
Accidental falls	E880-E888	M	-	-	-	-	2	-	2	3	1	1	9	0.8	1.6
		F	-	-	-	-	1	-	-	3	1	8	13	2.5	3.3
		T	-	-	-	-	3	-	2	6	2	9	22	1.4	2.5
Fire and flames	E890-E899	M	-	4	-	-	2	1	2	4	-	-	13	1.2	1.4
		F	1	1	1	-	-	-	1	1	-	1	6	1.2	0.8
		T	1	5	1	-	2	1	3	5	-	1	19	1.2	1.1
Suicide	E950-E959	M	-	-	-	-	7	7	21	2	3	1	41	3.8	5.0
		F	-	-	-	-	4	3	5	-	-	-	12	2.3	1.0
		T	-	-	-	-	11	10	26	2	3	1	53	3.3	3.0
Homicide	E960-E969	M	-	-	1	-	-	5	9	3	-	-	18	1.7	2.1
		F	-	1	-	-	-	1	6	1	-	-	9	1.8	1.0
		T	-	1	1	-	-	6	15	4	-	-	27	1.7	1.6
Other		M	-	-	1	-	2	-	10	2	1	1	17	1.6	2.3
		F	-	1	-	-	2	-	4	4	-	1	12	2.3	1.7
		T	-	1	1	-	4	-	14	6	1	2	29	1.8	2.0
All External Causes	E800-E999	M	-	4	2	1	24	29	106	32	12	4	214	19.6	27.3
		F	1	4	2	-	17	10	41	12	4	10	101	19.7	13.2
		T	1	8	4	1	41	39	147	44	16	14	315	19.7	20.1

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

Table 14d

External Causes of Death by Gender and Age

British Columbia 1991-1998

All Other Residents in North East															
External Causes of Death	**ICD9 Codes**	**Gender**	**Age Group (in years)**										**Total**		
			<1	1-4	5-9	10-14	15-19	20-24	25-44	45-64	65-74	75+	Number	Percent	ASMR
Motor Vehicle Traffic Accidents	E810-E819	M	1	1	7	6	46	66	106	58	10	10	311	2.9	3.1
		F	1	6	5	3	29	6	38	13	7	4	112	2.4	1.2
		T	2	7	12	9	75	72	144	71	17	14	423	2.7	2.1
Drowning	E830, E832, E910	M	1	6	3	-	8	5	20	11	2	1	57	0.5	0.6
		F	-	-	-	-	-	-	2	2	1	-	5	0.1	0.1
		T	1	6	3	-	8	5	22	13	3	1	62	0.4	0.3
Poisoning	E850-E869	M	-	1	-	-	2	5	39	23	2	1	73	0.7	0.7
		F	-	-	-	-	2	-	15	4	-	-	21	0.5	0.2
		T	-	1	-	-	4	5	54	27	2	1	94	0.6	0.5
Accidental falls	E880-E888	M	-	1	-	-	1	-	8	9	8	38	65	0.6	1.2
		F	-	-	-	1	-	2	2	3	4	32	44	1.0	0.7
		T	-	1	-	1	1	2	10	12	12	70	109	0.7	0.9
Fire and flames	E890-E899	M	-	1	1	1	-	-	1	5	3	3	15	0.1	0.2
		F	1	-	1	2	1	-	2	2	-	1	10	0.2	0.1
		T	1	1	2	3	1	-	3	7	3	4	25	0.2	0.1
Suicide	E950-E959	M	-	-	-	4	11	13	98	71	11	3	211	1.9	2.1
		F	-	-	-	1	1	4	13	9	-	2	30	0.7	0.3
		T	-	-	-	5	12	17	111	80	11	5	241	1.6	1.2
Homicide	E960-E969	M	-	2	-	-	4	6	25	13	1	1	52	0.5	0.5
		F	1	1	-	-	4	-	4	2	1	-	13	0.3	0.1
		T	1	3	-	-	8	6	29	15	2	1	65	0.4	0.3
Other		M	1	2	4	5	15	10	74	51	17	18	197	1.8	2.1
		F	-	1	-	3	2	4	16	8	-	13	47	1.0	0.6
		T	1	3	4	8	17	14	90	59	17	31	244	1.6	1.4
All External Causes	E800-E999	M	3	14	15	16	87	105	371	241	54	75	981	9.0	10.3
		F	3	8	6	10	39	16	92	43	13	52	282	6.1	3.3
		T	6	22	21	26	126	121	463	284	67	127	1,263	8.2	6.9

Note: ASMR - Age Standardized Mortality Rates are deaths per 10,000 standard population.
Deaths with unknown usual residence are excluded.

GLOSSARY

Acquired Immonodeficiency Syndrome (AIDS)
In 1987, the World Health Organization, in recognition of AIDS and the human immunodeficiency virus (HIV) that causes AIDS as important health concerns, added new codes to the *International Classification of Diseases, Ninth Revision* (ICD-9) which allowed AIDS (042) and HIV (043-044) to be identified as unique causes of death and also provided differentiation among the complications of AIDS.

Age Specific Fertility Rate (ASFR)
The number of live births per 1,000 women in a specific age group. This is a more detailed measure than the crude birth rate, as it reflects variations in the birth rate by age groups of the female population.

Age Specific Mortality Rate (ASR)
The number of deaths expressed as a rate per 10,000 population for each specified age and gender group.

Age Standardization
Various measures are age standardized to account for compositional differences in populations, in order that more meaningful comparisons can be made between different time periods or geographic areas. Such measures may be calculated for both genders combined or separately by gender. The major age-standardized measures employed in this publication are Age Standardized Mortality Rate (ASMR) and Potential Years of Life Lost (PYLL) Standardized Rate.

Age Standardized Mortality Rate (ASMR)
A summary of age adjusted death rates by gender which have been standardized to a specific population for the purpose of rate comparisons of different time periods or different geographic locations. In this report, the 1991 Canada Census population was used as the standard population; earlier reports used the 1971 Canada census population. Consequently, the standardized rates in this report cannot be compared to those published earlier by the Agency.

The ASMR is an important analysis tool when comparing the Status Indian population with the BC population, since these populations have very different age structures. The ASMR reflects the pattern of death at different ages and estimates the number of deaths (per 10,000 population) that would occur if the population had the same age structure as the standard population.

AIDS
See **Acquired Immunodeficiency Syndrome**

Alcohol-Related Deaths
Alcohol-related deaths are based on the ICD9 diagnostic categories listed below, for which the resulting deaths are directly or indirectly attributed to the use or abuse of alcohol.

ICD9 Code(s)	Diagnostic Category
291	Alcohol psychoses
303	Alcohol dependence syndrome
305.0	Non-dependent abuse of alcohol
357.5	Alcoholic polyneuropathy
425.5	Alcoholic cardiomyopathy

535.3	Alcoholic gastritis
571.0	Alcoholic fatty liver
571.1	Acute alcoholic hepatitis
571.2	Alcoholic cirrhosis of liver
571.3	Alcoholic liver damage, unspecified
571.5	Cirrhosis of liver without mention of alcohol
571.9	Unspecified chronic liver disease without mention of alcohol
577.1	Chronic pancreatitis
648.4	"Alcohol and pregnancy"
760.7	"Fetal Alcohol Syndrome"
790.3	Excessive blood level of alcohol
E860	Accidental alcohol poisoning

Alcohol is considered to be a direct cause of death if one of the above conditions is listed as the underlying cause of death on the medical certificate of death. If, however, any of the above conditions are listed on the certificate as antecedent causes giving rise to the underlying cause or other significant conditions contributing to the death, the death is considered to be indirectly related to alcohol. In 1993, the Medical Certification of Death was revised to include a box where the physician or coroner could note environmental, occupational and lifestyle factors, including pesticides, asbestos and abuse of alcohol/tobacco. This has resulted in increased reporting of deaths indirectly related to alcohol. Alcohol-related deaths can be viewed as a measure of the health status of the population.

All Others
See Areas

ASMR
See **Age Standardized Mortality Rate**

Areas
This report presents information by the four administrative areas in B.C. used by Medical Services Branch, Health Canada. Data were converted to these areas based on the Local Health Areas (LHA) boundaries used by the Ministry of Health. A list of LHAs in each area is presented in Appendix 3 at the very end of this report. For the province and each area, information is presented for the Status Indian residents and other area residents (labeled *All Others* or *All Other Residents* in tables, maps and charts).

Birth Weight
The first weight of the fetus or newborn after birth. For live births this weight should be measured within the first hour of life before significant postnatal weight loss has occurred. For statistical and risk assessment purposes, birth weights are grouped as:

Extremely Low Birth Weight	less than 500 grams.
Very Low Birth Weight	less than 1500 grams.
Low Birth Weight (LBW)	less than 2500 grams.
"Normal" Birth Weight	2500 to 4499 grams.
High Birth Weight:	4500 grams or more.

Cesarean Section (C-Section)
A delivery involving the surgical incision of the abdomen and uterine walls.

Congenital Anomalies
Physical defects that existed or date from birth.

Crude Rates

For live births: the number of births divided by the mid-year population and converted to a rate per 1,000 population.

For birth-related statistics (teenage mother, elderly gravida, C-section, low birth weight, and preterm): the number of these births divided by the number of live births and converted to a rate per 1,000 live births.

For stillbirths: the number of stillbirths divided by the number of total births (live births plus stillbirths) and converted to a rate per 1,000 total births.

For infant deaths: the number of infant deaths divided by the number of live births and converted to a rate per 1,000 live births.

Dependency Ratio

A dependency ratio is a measure used to compare different age distributions; it is a theoretical estimate of the number of dependents (defined as children under 15 and the older group 65 or older) supported by each person in the 'working age' population (defined as between the ages of 15 and 64). It is calculated in the following way:

$$\text{dependency ratio} = \frac{\text{population under 15} + \text{population over 64}}{\text{population between 15 and 65}}$$

Drug-Induced Deaths

Deaths due to drug-induced causes such as drug dependence, accidental poisonings, and suicides involving drugs. This category is limited to deaths where the underlying cause reflects drug use or abuse The causes of death classified as being drug-induced are based on those used by the National Center for Health Statistics (National Center for Health Statistics (1993). Technical notes. *Monthly Vital Statistics Report*. **41**(Suppl. 7), 48), and include the following:

ICD9 Code(s)	Diagnostic Category
292	Drug psychoses
304	Drug dependence
305.2-305.9	Nondependent use of drugs, not including alcohol and tobacco
E850-E858	Accidental poisoning by drugs, medicaments, and biologicals
E930-E949	Adverse effects of drugs, medicaments, and biologicals in therapeutic use
E950.0-E950.5	Suicide by drugs, medicaments, and biologicals
E962.0	Assault from poisoning by drugs and medicaments
E980.0-E980.5	Poisoning by drugs, medicaments, and biologicals

Early Neonatal Death

Death of an infant under seven days of age.

Elderly Gravida

Any woman who was 35 years of age or older at the time of delivery of a live born infant.

External Causes of Death (ICD9 Codes E800-E999)

Deaths due to accidents and violence including environmental events, circumstances and conditions as the cause of injury, poisoning, and other adverse effects. Broad categories include accidents, suicides, medical misadventures or abnormal reactions, homicide, legal intervention, and injury from war operations.

Gestational Age

Fetal age or duration of pregnancy measured from the first day of the last normal menstrual period. Gestational age is expressed in completed days or completed weeks (e.g. events occurring 280 to 286 days after the onset of the last menstrual period are

considered to have occurred at 40 weeks of gestation). Measurements of fetal growth are expressed in relation to a specific week of gestational age as follows:

Extremely premature:	gestational age of less than 28 weeks.
Moderately premature:	gestational age of 28 to 36 weeks.
Pre-term/Premature:	age less than 37 weeks of gestation.
Term:	gestational age of 37 to 41 weeks.
Post-term/Postmature:	gestational age of 42 weeks or more.

ICD9 Codes
Codes from *International Classification of Diseases, 9th Revision*, established by the World Health Organization in 1977 for classification of morbidity and mortality.

Infant Death/Mortality
Death of a child under one year of age.

Infant Mortality Rate
The number of deaths of children under one year of age expressed as a rate per 1,000 live births. The infant mortality rate is an internationally accepted indicator of the health status of a population.

Live Birth
The complete expulsion or extraction from its mother, irrespective of the duration of the pregnancy, of a product of conception in which, after the expulsion or extraction, there is:

(a) breathing;
(b) beating of the heart;
(c) pulsation of the umbilical cord; or
(d) unmistakable movement of voluntary muscle, whether or not the umbilical cord has been cut or the placenta is attached.

Low Birth Weight (LBW)
See **Birth Weight**

Neonatal Death
Death of a child under 28 days of age.

Perinatal Conditions
Includes conditions of the fetus or newborn which have their origin in the perinatal period even though death or morbidity may occur later.

Post Neonatal Death
Death of a child between the ages of 28 days and less than one year.

Potential Years of Life Lost (PYLL)
The number of years of life lost when a person dies before a specified age (e.g. 75 years). In this report, all deaths are assumed to occur at the mid-point of five-year age groups.

Potential Years of Life Lost Standardized Rate (PYLLSR)
An age-standardized measure of Potential Years of Life Lost expressed in terms of a rate per 1,000 population, adjusted to a standard population. In this report, the 1991 Canada Census population was used as the standard population. Since earlier reports used the 1971 Canada census population, the PYLL standardized rates in this report cannot be compared to those in other reports published by the Agency.

Premature or Pre-Term Birth
see **Gestational Age**

SIDS
Sudden Infant Death Syndrome.

Smoking Attributable Mortality (SAM)
Since death certifications do not systematically collect complete data on smoking as a contributing factor to the cause of death, an alternate method is required to estimate the extent of smoking attributable deaths. The method used here is based on the concept of attributable risk. The number of adult (35+ years of age) smoking deaths were estimated for the disease categories listed below and weighted by a SAM percentage reflecting the proportion of these deaths which are attributed to smoking:

ICD9 Code(s)	Diagnostic Category
140-149	Malignant neoplasms of lip, oral cavity, and pharynx
150	Malignant neoplasm of esophagus
157	Malignant neoplasm of pancreas
161	Malignant neoplasm of larynx
162	Malignant neoplasm of trachea, lung, and bronchus
180	Malignant neoplasm of cervix uteri
188	Malignant neoplasm of urinary bladder
189	Malignant neoplasm of kidney and other urinary organs
401-404	Hypertension
410-414	Ischaemic heart disease
415-417, 420-429, 390-398	Other heart diseases
430-438	Cerebrovascular disease
440	Atherosclerosis
441	Aortic aneurysm
442-448	Other arterial disease
480-487	Pneumonia and influenza
491-492	Bronchitis and emphysema
493, 010-012	Other respiratory diseases
496	Chronic obstructive pulmonary disease

In 1997, provincial prevalence rates for smoking from the *Tobacco Use in BC (1997)* survey (which can be found on the Ministry of Health's web page at http://www.hlth.gov.bc.ca/program.html) were used to update the Smoking Attributable Mortality (SAM) used in the calculation of the number of smoking attributable deaths. Comparison should not be made to earlier reports due to this change in methodology. Further information on the methodology can be found in Centres for Disease Control 1990 publication *Smoking and health: A national status report.* (DHSS publication no. (CDC) 87-8396). 2nd Edition. Rockville, MD: U.S. Department of Health and Human Services.

Standard Population
A reference population of known age distribution and/or rates used to adjust for variations in population age structures in different geographic areas or time periods to allow for more meaningful comparisons of various measures. In this report, the ASMR and PYLLSR use the 1991 Canada Census population based on male and female combined populations. Since earlier reports used the 1971 Canada census population, the standardized rates in this report cannot be compared to those published earlier by the Agency.

Stillbirth
The complete expulsion or extraction from its mother after at least 20 weeks of pregnancy, or after attaining a weight of at least 500 grams, of a product of conception in which, after the expulsion or extraction, there is no breathing, beating of the heart, pulsation of the umbilical cord, or unmistakable movement of voluntary muscle.

Stillbirth Rate
The number of stillbirths expressed as a rate per 1,000 total births (live births plus stillbirths).

Teenage Mother
Any mother who was age 19 or less at the time of delivery.

Total Fertility Rate (TFR)
The rate is calculated by summing all of the age-specific birth rates multiplied by the number of years by which the age-specific birth rates are grouped (this assumes the same number of women in each age group). "The total fertility rate indicates the number of births that a group of 1,000 women would have if they experienced, during their childbearing years (age 15 to 44), the age-specific birth rates observed in a given calendar year. It is a hypothetical measure that shows the implications of current levels of fertility by age for completed family size." (National Centre for Health Statistics, 1990, p.5).

Total PYLL
The total number of years of life lost prior to an established cut-off point of 75 years.

Underlying Cause of Death (UCOD)
The underlying cause of death is the disease which triggered the chain of events leading directly to the death or the description of the accident or violence that produced the fatality (World Health Organization, 1977).

Appendix 1
Population Estimates: Status Indian and All Other B.C. Residents
British Columbia, 1991 to 1997

1991 Population Estimates by Age and Gender

Age Group	Status Indians in B.C.			All Others B.C. Residents			Total B.C. Population			Status Indian % of BC Pop.		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,603	1,447	3,050	21,646	21,124	42,770	23,249	22,571	45,820	6.9	6.4	6.7
1 - 4	4,848	4,453	9,301	88,219	84,595	172,814	93,067	89,048	182,115	5.2	5.0	5.1
5 - 9	5,680	5,284	10,964	113,004	107,328	220,332	118,684	112,612	231,296	4.8	4.7	4.7
10-14	5,133	4,882	10,015	106,301	100,866	207,167	111,434	105,748	217,182	4.6	4.6	4.6
15-19	5,225	5,230	10,455	105,698	100,905	206,603	110,923	106,135	217,058	4.7	4.9	4.8
20-24	4,952	5,632	10,584	116,518	111,151	227,669	121,470	116,783	238,253	4.1	4.8	4.4
25-29	5,392	6,433	11,825	138,817	132,947	271,764	144,209	139,380	283,589	3.7	4.6	4.2
30-34	4,870	5,610	10,480	148,429	146,098	294,527	153,299	151,708	305,007	3.2	3.7	3.4
35-39	3,928	4,641	8,569	140,828	139,465	280,293	144,756	144,106	288,862	2.7	3.2	3.0
40-44	3,051	3,182	6,233	132,959	129,496	262,455	136,010	132,678	268,688	2.2	2.4	2.3
45-49	2,216	2,293	4,509	102,624	97,579	200,203	104,840	99,872	204,712	2.1	2.3	2.2
50-54	1,599	1,593	3,192	82,028	78,696	160,724	83,627	80,289	163,916	1.9	2.0	1.9
55-59	1,257	1,173	2,430	75,705	71,740	147,445	76,962	72,913	149,875	1.6	1.6	1.6
60-64	918	940	1,858	73,249	73,309	146,558	74,167	74,249	148,416	1.2	1.3	1.3
65-69	642	688	1,330	65,028	74,319	139,347	65,670	75,007	140,677	1.0	0.9	0.9
70-74	420	436	856	49,785	62,590	112,375	50,205	63,026	113,231	0.8	0.7	0.8
75+	626	716	1,342	68,880	104,480	173,360	69,506	105,196	174,702	0.9	0.7	0.8
Total	**52,360**	**54,633**	**106,993**	**1,629,718**	**1,636,688**	**3,266,406**	**1,682,078**	**1,691,321**	**3,373,399**	**3.1**	**3.2**	**3.2**

1992 Population Estimates by Age and Gender

Age Group	Status Indians in B.C.			All Other B.C. Residents			Total B.C. Population			Status Indian % of BC Pop.		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,557	1,466	3,023	22,473	21,178	43,651	24,030	22,644	46,674	6.5	6.5	6.5
1 - 4	5,057	4,592	9,649	90,370	86,709	177,079	95,427	91,301	186,728	5.3	5.0	5.2
5 - 9	5,745	5,408	11,153	115,774	109,889	225,663	121,519	115,297	236,816	4.7	4.7	4.7
10-14	5,225	4,863	10,088	111,019	105,545	216,564	116,244	110,408	226,652	4.5	4.4	4.5
15-19	5,193	5,152	10,345	108,260	101,871	210,131	113,453	107,023	220,476	4.6	4.8	4.7
20-24	5,138	5,695	10,833	119,591	114,629	234,220	124,729	120,324	245,053	4.1	4.7	4.4
25-29	5,301	6,291	11,592	138,259	132,468	270,727	143,560	138,759	282,319	3.7	4.5	4.1
30-34	5,119	5,858	10,977	152,240	149,266	301,506	157,359	155,124	312,483	3.3	3.8	3.5
35-39	4,137	4,943	9,080	145,361	145,170	290,531	149,498	150,113	299,611	2.8	3.3	3.0
40-44	3,206	3,432	6,638	135,450	132,458	267,908	138,656	135,890	274,546	2.3	2.5	2.4
45-49	2,371	2,439	4,810	111,673	107,137	218,810	114,044	109,576	223,620	2.1	2.2	2.2
50-54	1,718	1,740	3,458	85,990	82,998	168,988	87,708	84,738	172,446	2.0	2.1	2.0
55-59	1,284	1,253	2,537	76,102	73,239	149,341	77,386	74,492	151,878	1.7	1.7	1.7
60-64	985	995	1,980	74,880	73,760	148,640	75,865	74,755	150,620	1.3	1.3	1.3
65-69	684	696	1,380	65,604	73,794	139,398	66,288	74,490	140,778	1.0	0.9	1.0
70-74	444	499	943	52,380	65,567	117,947	52,824	66,066	118,890	0.8	0.8	0.8
75+	661	727	1,388	70,855	108,467	179,322	71,516	109,194	180,710	0.9	0.7	0.8
Total	**53,825**	**56,049**	**109,874**	**1,676,281**	**1,684,145**	**3,360,426**	**1,730,106**	**1,740,194**	**3,470,300**	**3.1**	**3.2**	**3.2**

Appendix 1
Population Estimates: Status Indian and All Other B.C. Residents
British Columbia, 1991 to 1997

1993 Population Estimates by Age and Gender

Age Group	Status Indians in B.C.			All Other B.C. Residents			Total B.C. Population			Status Indian % of BC Pop		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,547	1,466	3,013	22,245	21,291	43,536	23,792	22,757	46,549	6.5	6.4	6
1 - 4	5,183	4,751	9,934	93,032	88,719	181,751	98,215	93,470	191,685	5.3	5.1	5
5 - 9	5,996	5,582	11,578	117,437	111,919	229,356	123,433	117,501	240,934	4.9	4.8	4
10-14	5,393	4,979	10,372	115,684	109,812	225,496	121,077	114,791	235,868	4.5	4.3	4
15-19	5,341	5,306	10,647	110,951	103,690	214,641	116,292	108,996	225,288	4.6	4.9	4
20-24	5,319	5,660	10,979	122,398	117,600	239,998	127,717	123,260	250,977	4.2	4.6	4
25-29	5,298	6,154	11,452	137,972	132,064	270,036	143,270	138,218	281,488	3.7	4.5	4
30-34	5,474	6,461	11,935	156,718	152,645	309,363	162,192	159,106	321,298	3.4	4.1	3
35-39	4,293	4,995	9,288	151,042	151,048	302,090	155,335	156,043	311,378	2.8	3.2	3
40-44	3,449	3,843	7,292	139,053	136,913	275,966	142,502	140,756	283,258	2.4	2.7	2
45-49	2,573	2,661	5,234	119,456	115,664	235,120	122,029	118,325	240,354	2.1	2.2	2
50-54	1,816	1,891	3,707	91,201	88,373	179,574	93,017	90,264	183,281	2.0	2.1	2
55-59	1,380	1,400	2,780	77,456	75,197	152,653	78,836	76,597	155,433	1.8	1.8	1
60-64	1,065	1,058	2,123	75,976	74,717	150,693	77,041	75,775	152,816	1.4	1.4	1
65-69	728	773	1,501	66,630	73,408	140,038	67,358	74,181	141,539	1.1	1.0	1
70-74	487	534	1,021	54,563	68,174	122,737	55,050	68,708	123,758	0.9	0.8	0
75+	687	792	1,479	72,437	111,704	184,141	73,124	112,496	185,620	0.9	0.7	0
Total	**56,029**	**58,306**	**114,335**	**1,724,251**	**1,732,938**	**3,457,189**	**1,780,280**	**1,791,244**	**3,571,524**	**3.1**	**3.3**	**3**

1994 Population Estimates by Age and Gender

Age Group	Status Indians in B.C.			All Other B.C. Residents			Total B.C. Population			Status Indian % of BC Pop		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,575	1,508	3,083	22,471	21,152	43,623	24,046	22,660	46,706	6.5	6.7	6
1 - 4	5,236	4,879	10,115	94,036	89,999	184,035	99,272	94,878	194,150	5.3	5.1	5
5 - 9	6,328	5,788	12,116	119,549	113,784	233,333	125,877	119,572	245,449	5.0	4.8	4
10-14	5,631	5,309	10,940	119,769	114,206	233,975	125,400	119,515	244,915	4.5	4.4	4
15-19	5,428	5,271	10,699	115,528	107,646	223,174	120,956	112,917	233,873	4.5	4.7	4
20-24	5,573	5,850	11,423	124,041	118,872	242,913	129,614	124,722	254,336	4.3	4.7	4
25-29	5,429	6,164	11,593	139,282	132,795	272,077	144,711	138,959	283,670	3.8	4.4	4
30-34	5,768	6,741	12,509	161,445	156,168	317,613	167,213	162,909	330,122	3.4	4.1	3
35-39	4,554	5,388	9,942	156,214	156,072	312,286	160,768	161,460	322,228	2.8	3.3	3
40-44	3,687	4,211	7,898	144,310	142,756	287,066	147,997	146,967	294,964	2.5	2.9	2
45-49	2,786	2,938	5,724	126,937	124,343	251,280	129,723	127,281	257,004	2.1	2.3	2
50-54	1,970	2,089	4,059	96,647	94,606	191,253	98,617	96,695	195,312	2.0	2.2	2
55-59	1,465	1,548	3,013	79,875	78,469	158,344	81,340	80,017	161,357	1.8	1.9	1
60-64	1,140	1,092	2,232	77,093	75,129	152,222	78,233	76,221	154,454	1.5	1.4	1
65-69	778	863	1,641	67,845	73,499	141,344	68,623	74,362	142,985	1.1	1.2	1
70-74	514	582	1,096	56,884	70,550	127,434	57,398	71,132	128,530	0.9	0.8	0
75+	735	858	1,593	74,398	115,704	190,102	75,133	116,562	191,695	1.0	0.7	0
Total	**58,597**	**61,079**	**119,676**	**1,776,324**	**1,785,750**	**3,562,074**	**1,834,921**	**1,846,829**	**3,681,750**	**3.2**	**3.3**	**3**

Appendix 1
Population Estimates: Status Indian and All Other B.C. Residents
British Columbia, 1991 to 1997

1995 Population Estimates by Age and Gender

Age Group	Status Indians in B.C.			All Other B.C. Residents			Total B.C. Population			Status Indian % of BC Pop.		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,595	1,481	3,076	22,809	21,259	44,068	24,404	22,740	47,144	6.5	6.5	6.5
1 - 4	5,261	4,933	10,194	94,328	89,955	184,283	99,589	94,888	194,477	5.3	5.2	5.2
5 - 9	6,425	5,982	12,407	121,131	115,621	236,752	127,556	121,603	249,159	5.0	4.9	5.0
10-14	5,951	5,567	11,518	123,457	117,445	240,902	129,408	123,012	252,420	4.6	4.5	4.6
15-19	5,455	5,295	10,750	119,746	111,917	231,663	125,201	117,212	242,413	4.4	4.5	4.4
20-24	5,697	5,865	11,562	124,582	119,152	243,734	130,279	125,017	255,296	4.4	4.7	4.5
25-29	5,647	6,167	11,814	141,569	134,872	276,441	147,216	141,039	288,255	3.8	4.4	4.1
30-34	5,877	6,970	12,847	164,375	157,761	322,136	170,252	164,731	334,983	3.5	4.2	3.8
35-39	4,933	5,752	10,685	161,572	160,784	322,356	166,505	166,536	333,041	3.0	3.5	3.2
40-44	3,952	4,577	8,529	149,662	148,825	298,487	153,614	153,402	307,016	2.6	3.0	2.8
45-49	2,974	3,213	6,187	135,424	133,302	268,726	138,398	136,515	274,913	2.1	2.4	2.3
50-54	2,091	2,310	4,401	101,385	100,074	201,459	103,476	102,384	205,860	2.0	2.3	2.1
55-59	1,551	1,676	3,227	82,357	81,853	164,210	83,908	83,529	167,437	1.8	2.0	1.9
60-64	1,208	1,186	2,394	77,650	75,892	153,542	78,858	77,078	155,936	1.5	1.5	1.5
65-69	832	918	1,750	69,504	74,066	143,570	70,336	74,984	145,320	1.2	1.2	1.2
70-74	555	626	1,181	57,618	71,112	128,730	58,173	71,738	129,911	1.0	0.9	0.9
75+	770	925	1,695	77,630	121,102	198,732	78,400	122,027	200,427	1.0	0.8	0.8
Total	**60,774**	**63,443**	**124,217**	**1,824,799**	**1,834,992**	**3,659,791**	**1,885,573**	**1,898,435**	**3,784,008**	**3.2**	**3.3**	**3.3**

1996 Population Estimates by Age and Gender

Age Group	Status Indians in B.C.			All Other B.C. Residents			Total B.C. Population			Status Indian % of BC Pop.		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,624	1,498	3,122	22,964	21,806	44,770	24,588	23,304	47,892	6.6	6.4	6.5
1 - 4	5,111	4,743	9,854	94,918	89,691	184,609	100,029	94,434	194,463	5.1	5.0	5.1
5 - 9	6,670	6,140	12,810	121,896	116,775	238,671	128,566	122,915	251,481	5.2	5.0	5.1
10-14	6,112	5,714	11,826	126,719	119,306	246,025	132,831	125,020	257,851	4.6	4.6	4.6
15-19	5,460	5,274	10,734	125,609	117,675	243,284	131,069	122,949	254,018	4.2	4.3	4.2
20-24	5,780	5,863	11,643	126,324	122,409	248,733	132,104	128,272	260,376	4.4	4.6	4.5
25-29	5,649	6,199	11,848	145,277	138,994	284,271	150,926	145,193	296,119	3.7	4.3	4.0
30-34	5,939	6,939	12,878	163,743	157,806	321,549	169,682	164,745	334,427	3.5	4.2	3.9
35-39	5,256	5,987	11,243	166,408	164,629	331,037	171,664	170,616	342,280	3.1	3.5	3.3
40-44	4,153	4,951	9,104	155,099	154,747	309,846	159,252	159,698	318,950	2.6	3.1	2.9
45-49	3,132	3,419	6,551	142,968	140,681	283,649	146,100	144,100	290,200	2.1	2.4	2.3
50-54	2,269	2,496	4,765	106,173	105,045	211,218	108,442	107,541	215,983	2.1	2.3	2.2
55-59	1,630	1,743	3,373	85,320	85,554	170,874	86,950	87,297	174,247	1.9	2.0	1.9
60-64	1,271	1,274	2,545	77,877	76,451	154,328	79,148	77,725	156,873	1.6	1.6	1.6
65-69	908	967	1,875	71,402	74,701	146,103	72,310	75,668	147,978	1.3	1.3	1.3
70-74	583	680	1,263	58,198	70,729	128,927	58,781	71,409	130,190	1.0	1.0	1.0
75+	817	983	1,800	80,845	126,070	206,915	81,662	127,053	208,715	1.0	0.8	0.9
Total	**62,364**	**64,870**	**127,234**	**1,871,740**	**1,883,069**	**3,754,809**	**1,934,104**	**1,947,939**	**3,882,043**	**3.2**	**3.3**	**3.3**

Appendix 1
Population Estimates: Status Indian and All Other B.C. Residents
British Columbia, 1991 to 1997

1997 Population Estimates by Age and Gender

Age Group	Status Indians in B.C.			All Other B.C. Residents			Total B.C. Population			Status Indian % of BC Pop.		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	1,505	1,404	2,909	22,382	20,991	43,373	23,887	22,395	46,282	6.3	6.3	6.3
1 - 4	4,901	4,584	9,485	95,480	90,542	186,022	100,381	95,126	195,507	4.9	4.8	4.9
5 - 9	6,861	6,270	13,131	123,853	118,261	242,114	130,714	124,531	255,245	5.2	5.0	5.1
10-14	6,168	5,850	12,018	128,253	120,781	249,034	134,421	126,631	261,052	4.6	4.6	4.6
15-19	5,550	5,269	10,819	128,374	121,225	249,599	133,924	126,494	260,418	4.1	4.2	4.2
20-24	5,702	5,754	11,456	127,870	123,454	251,324	133,572	129,208	262,780	4.3	4.5	4.4
25-29	5,820	6,299	12,119	144,823	140,097	284,920	150,643	146,396	297,039	3.9	4.3	4.1
30-34	5,853	6,790	12,643	161,382	156,168	317,550	167,235	162,958	330,193	3.5	4.2	3.8
35-39	5,559	6,271	11,830	170,301	167,739	338,040	175,860	174,010	349,870	3.2	3.6	3.4
40-44	4,354	5,243	9,597	160,032	160,502	320,534	164,386	165,745	330,131	2.6	3.2	2.9
45-49	3,323	3,691	7,014	146,098	143,529	289,627	149,421	147,220	296,641	2.2	2.5	2.4
50-54	2,406	2,683	5,089	115,589	114,675	230,264	117,995	117,358	235,353	2.0	2.3	2.2
55-59	1,750	1,886	3,636	88,700	89,017	177,717	90,450	90,903	181,353	1.9	2.1	2.0
60-64	1,301	1,351	2,652	78,034	77,584	155,618	79,335	78,935	158,270	1.6	1.7	1.7
65-69	986	1,029	2,015	73,080	75,181	148,261	74,066	76,210	150,276	1.3	1.4	1.3
70-74	615	703	1,318	58,783	70,517	129,300	59,398	71,220	130,618	1.0	1.0	1.0
75+	876	1,061	1,937	84,580	131,793	216,373	85,456	132,854	218,310	1.0	0.8	0.9
Total	**63,530**	**66,138**	**129,668**	**1,907,614**	**1,922,056**	**3,829,670**	**1,971,144**	**1,988,194**	**3,959,338**	**3.2**	**3.3**	**3.3**

1991-1998 Aggregate Population Estimates
For use in Statistical Calculations

Age Group	Status Indians in B.C.			All Other B.C. Residents			Total B.C. Population			Status Indian % of BC Pop.		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	M	F	T
< 1	12,554	11,781	24,335	254,804	240,991	495,795	191,750	181,317	373,067	6.5	6.5	6.5
1 - 4	40,281	37,307	77,588	778,532	742,880	1,521,412	785,761	747,142	1,532,903	5.1	5.0	5.1
5 - 9	50,537	46,768	97,305	964,491	918,101	1,882,592	1,007,412	959,354	1,966,766	5.0	4.9	4.9
10-14	45,971	43,130	89,101	965,403	914,396	1,879,799	1,005,386	952,266	1,957,652	4.6	4.5	4.6
15-19	43,317	42,116	85,433	945,648	892,091	1,837,739	988,480	930,446	1,918,926	4.4	4.5	4.5
20-24	43,894	46,129	90,023	1,007,287	969,787	1,977,074	1,033,446	997,320	2,030,766	4.2	4.6	4.4
25-29	44,404	49,884	94,288	1,145,317	1,100,474	2,245,791	1,173,173	1,133,255	2,306,428	3.8	4.4	4.1
30-34	44,648	51,936	96,584	1,284,300	1,249,244	2,533,544	1,309,366	1,280,522	2,589,888	3.4	4.1	3.7
35-39	38,475	44,803	83,278	1,258,190	1,252,798	2,510,988	1,303,140	1,299,489	2,602,629	3.0	3.4	3.2
40-44	30,331	34,675	65,006	1,167,451	1,154,548	2,321,999	1,211,011	1,205,461	2,416,472	2.5	2.9	2.7
45-49	22,902	24,666	47,568	1,009,675	986,187	1,995,862	1,057,080	1,033,609	2,090,689	2.2	2.4	2.3
50-54	16,474	17,654	34,128	772,784	758,702	1,531,486	818,598	804,589	1,623,187	2.0	2.2	2.1
55-59	12,142	12,695	24,837	644,921	634,447	1,279,368	670,461	660,931	1,331,392	1.8	1.9	1.9
60-64	9,245	9,357	18,602	609,106	602,945	1,212,051	622,661	614,818	1,237,479	1.5	1.5	1.5
65-69	6,602	7,018	13,620	539,179	589,577	1,128,756	559,460	601,518	1,160,978	1.2	1.2	1.2
70-74	4,256	4,819	9,075	476,525	616,545	1,093,070	452,176	554,248	1,006,424	0.9	0.9	0.9
75+	6,113	7,194	13,307	2,495,164	2,804,215	5,299,379	623,481	963,157	1,586,638	1.0	0.7	0.8
Total	**472,146**	**491,932**	**964,078**	**14,340,696**	**14,427,510**	**28,768,206**	**14,812,842**	**14,919,442**	**29,732,284**	**3.2**	**3.3**	**3.2**

Appendix 1a
Population Estimates: Status Indian Population by Area
British Columbia, 1991 to 1997

1991 Population Estimates by Age and Gender

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	703	625	1,328	354	331	685	203	167	370	340	321	661
1 - 4	1,961	1,804	3,765	1,121	1,039	2,160	783	703	1,486	982	907	1,889
5 - 9	2,335	2,207	4,542	1,320	1,223	2,543	839	751	1,590	1,184	1,099	2,283
10-14	2,196	2,049	4,245	1,170	1,149	2,319	768	646	1,414	996	1,037	2,033
15-19	2,128	2,123	4,251	1,180	1,201	2,381	806	791	1,597	1,108	1,113	2,221
20-24	2,101	2,279	4,380	1,085	1,300	2,385	749	857	1,606	1,014	1,196	2,210
25-29	2,519	2,964	5,483	1,066	1,388	2,454	779	922	1,701	1,025	1,159	2,184
30-34	2,245	2,611	4,856	972	1,258	2,230	741	798	1,539	909	941	1,850
35-39	1,822	2,073	3,895	823	1,038	1,861	590	685	1,275	682	822	1,504
40-44	1,409	1,468	2,877	652	662	1,314	411	485	896	528	501	1,029
45-49	976	1,050	2,026	440	440	880	360	352	712	398	410	808
50-54	725	729	1,454	318	323	641	237	239	476	293	287	580
55-59	563	525	1,088	234	252	486	206	174	380	234	213	447
60-64	374	427	801	192	171	363	162	152	314	184	185	369
65-69	248	283	531	110	146	256	115	115	230	162	138	300
70-74	166	182	348	84	78	162	87	77	164	82	97	179
75+	228	269	497	122	143	265	121	135	256	152	168	320
Total	**22,699**	**23,668**	**46,367**	**11,243**	**12,142**	**23,385**	**7,957**	**8,049**	**16,006**	**10,273**	**10,594**	**20,867**

1992 Population Estimates by Age and Gender

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	710	664	1,374	342	315	657	206	186	392	295	292	587
1 - 4	2,078	1,875	3,953	1,179	1,075	2,254	785	680	1,465	1,013	961	1,974
5 - 9	2,359	2,241	4,600	1,336	1,245	2,581	841	811	1,652	1,208	1,108	2,316
10-14	2,192	2,063	4,255	1,221	1,143	2,364	786	629	1,415	1,023	1,027	2,050
15-19	2,141	2,087	4,228	1,168	1,200	2,368	806	770	1,576	1,076	1,095	2,171
20-24	2,175	2,360	4,535	1,129	1,299	2,428	790	840	1,630	1,042	1,194	2,236
25-29	2,456	2,841	5,297	1,053	1,369	2,422	746	886	1,632	1,042	1,195	2,237
30-34	2,371	2,677	5,048	1,023	1,339	2,362	768	849	1,617	954	992	1,946
35-39	1,924	2,215	4,139	869	1,130	1,999	623	745	1,368	717	838	1,555
40-44	1,467	1,591	3,058	697	707	1,404	430	505	935	567	564	1,131
45-49	1,066	1,143	2,209	463	477	940	375	353	728	420	422	842
50-54	784	778	1,562	335	353	688	256	266	522	315	325	640
55-59	571	566	1,137	252	269	521	210	190	400	228	216	444
60-64	415	450	865	193	183	376	168	159	327	202	200	402
65-69	264	297	561	130	136	266	117	110	227	165	145	310
70-74	171	206	377	79	98	177	98	88	186	94	105	199
75+	245	276	521	131	151	282	121	136	257	161	163	324
Total	**23,389**	**24,330**	**47,719**	**11,600**	**12,489**	**24,089**	**8,126**	**8,203**	**16,329**	**10,522**	**10,842**	**21,364**

Appendix 1a
Population Estimates: Status Indian Population by Area
British Columbia, 1991 to 1997

1993 Population Estimates by Age and Gender

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	697	696	1,393	342	315	657	177	167	344	319	288	607
1 - 4	2,157	1,914	4,071	1,179	1,075	2,254	788	707	1,495	1,028	1,006	2,034
5 - 9	2,505	2,384	4,889	1,336	1,245	2,581	889	834	1,723	1,229	1,120	2,349
10-14	2,284	2,075	4,359	1,221	1,143	2,364	773	659	1,432	1,079	1,063	2,142
15-19	2,212	2,206	4,418	1,168	1,200	2,368	818	752	1,570	1,100	1,132	2,232
20-24	2,324	2,424	4,748	1,129	1,299	2,428	781	798	1,579	1,058	1,154	2,212
25-29	2,480	2,749	5,229	1,053	1,369	2,422	723	865	1,588	1,029	1,207	2,236
30-34	2,578	3,035	5,613	1,023	1,339	2,362	806	923	1,729	1,018	1,090	2,108
35-39	2,020	2,270	4,290	869	1,130	1,999	636	721	1,357	765	840	1,605
40-44	1,595	1,773	3,368	697	707	1,404	455	557	1,012	608	662	1,270
45-49	1,191	1,271	2,462	463	477	940	393	393	786	433	420	853
50-54	839	867	1,706	335	353	688	278	271	549	340	359	699
55-59	609	643	1,252	252	269	521	227	223	450	236	236	472
60-64	470	477	947	193	183	376	162	151	313	220	207	427
65-69	290	334	624	130	136	266	131	133	264	157	161	318
70-74	191	221	412	79	98	177	95	89	184	109	108	217
75+	259	303	562	131	151	282	133	139	272	168	184	352
Total	**24,701**	**25,642**	**50,343**	**11,600**	**12,489**	**24,089**	**8,265**	**8,382**	**16,647**	**10,896**	**11,237**	**22,133**

1994 Population Estimates by Age and Gender

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	751	698	1,449	314	337	651	195	185	380	313	286	599
1 - 4	2,202	1,979	4,181	1,233	1,147	2,380	744	697	1,441	1,053	1,052	2,105
5 - 9	2,625	2,523	5,148	1,462	1,311	2,773	952	855	1,807	1,287	1,099	2,386
10-14	2,419	2,268	4,687	1,307	1,222	2,529	759	703	1,462	1,144	1,113	2,257
15-19	2,307	2,229	4,536	1,229	1,220	2,449	799	703	1,502	1,093	1,119	2,212
20-24	2,465	2,555	5,020	1,214	1,296	2,510	791	793	1,584	1,100	1,203	2,303
25-29	2,547	2,774	5,321	1,095	1,342	2,437	711	826	1,537	1,074	1,220	2,294
30-34	2,758	3,187	5,945	1,127	1,440	2,567	818	931	1,749	1,061	1,182	2,243
35-39	2,162	2,513	4,675	908	1,205	2,113	662	766	1,428	816	889	1,705
40-44	1,734	1,952	3,686	760	899	1,659	510	580	1,090	657	735	1,392
45-49	1,314	1,404	2,718	573	599	1,172	386	436	822	465	449	914
50-54	892	946	1,838	371	419	790	315	309	624	355	388	743
55-59	660	736	1,396	296	312	608	230	223	453	254	259	513
60-64	504	492	996	219	231	450	173	153	326	233	211	444
65-69	318	390	708	150	153	303	137	152	289	163	160	323
70-74	197	256	453	92	119	211	94	85	179	126	120	246
75+	283	327	610	132	181	313	146	154	300	171	196	367
Total	**26,138**	**27,229**	**53,367**	**12,482**	**13,433**	**25,915**	**8,422**	**8,551**	**16,973**	**11,365**	**11,681**	**23,046**

Appendix 1a
Population Estimates: Status Indian Population by Area
British Columbia, 1991 to 1997

1995 Population Estimates by Age and Gender

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	740	678	1,418	350	336	686	173	152	325	325	311	636
1 - 4	2,205	2,027	4,232	1,225	1,169	2,394	763	722	1,485	1,065	1,011	2,076
5 - 9	2,700	2,587	5,287	1,481	1,329	2,810	927	886	1,813	1,315	1,180	2,495
10-14	2,575	2,383	4,958	1,342	1,275	2,617	803	724	1,527	1,228	1,182	2,410
15-19	2,352	2,258	4,610	1,218	1,231	2,449	806	691	1,497	1,078	1,114	2,192
20-24	2,496	2,583	5,079	1,269	1,330	2,599	759	767	1,526	1,172	1,183	2,355
25-29	2,614	2,746	5,360	1,182	1,321	2,503	741	841	1,582	1,106	1,257	2,363
30-34	2,869	3,327	6,196	1,131	1,478	2,609	800	933	1,733	1,074	1,231	2,305
35-39	2,324	2,731	5,055	981	1,281	2,262	705	781	1,486	920	958	1,878
40-44	1,895	2,091	3,986	785	1,009	1,794	556	642	1,198	693	802	1,495
45-49	1,434	1,536	2,970	603	641	1,244	382	444	826	505	523	1,028
50-54	935	1,047	1,982	416	461	877	328	348	676	375	423	798
55-59	701	808	1,509	311	337	648	233	236	469	280	280	560
60-64	549	538	1,087	235	253	488	181	169	350	229	218	447
65-69	345	423	768	164	165	329	148	150	298	168	172	340
70-74	225	275	500	90	126	216	92	102	194	140	119	259
75+	306	365	671	135	190	325	152	162	314	176	207	383
Total	**27,265**	**28,403**	**55,668**	**12,918**	**13,932**	**26,850**	**8,549**	**8,750**	**17,299**	**11,849**	**12,171**	**24,020**

1996 Population Estimates by Age and Gender

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	735	681	1,416	361	355	716	193	170	363	329	290	619
1 - 4	2,144	1,960	4,104	1,198	1,143	2,341	701	686	1,387	1,066	951	2,017
5 - 9	2,820	2,608	5,428	1,532	1,374	2,906	990	892	1,882	1,325	1,265	2,590
10-14	2,624	2,501	5,125	1,369	1,267	2,636	840	771	1,611	1,277	1,172	2,449
15-19	2,391	2,259	4,650	1,223	1,224	2,447	772	667	1,439	1,071	1,120	2,191
20-24	2,498	2,568	5,066	1,286	1,324	2,610	778	759	1,537	1,214	1,210	2,424
25-29	2,587	2,729	5,316	1,218	1,363	2,581	729	847	1,576	1,112	1,259	2,371
30-34	2,933	3,286	6,219	1,137	1,488	2,625	763	909	1,672	1,104	1,255	2,359
35-39	2,479	2,889	5,368	1,032	1,296	2,328	753	792	1,545	989	1,010	1,999
40-44	1,994	2,260	4,254	819	1,109	1,928	600	688	1,288	728	871	1,599
45-49	1,472	1,612	3,084	654	689	1,343	402	490	892	552	561	1,113
50-54	1,039	1,171	2,210	443	485	928	356	357	713	390	442	832
55-59	756	829	1,585	319	347	666	229	251	480	299	300	599
60-64	576	594	1,170	246	267	513	189	181	370	240	223	463
65-69	377	457	834	182	178	360	163	145	308	180	183	363
70-74	233	289	522	94	142	236	98	111	209	151	132	283
75+	323	400	723	147	195	342	161	174	335	183	212	395
Total	**27,981**	**29,093**	**57,074**	**13,260**	**14,246**	**27,506**	**8,717**	**8,890**	**17,607**	**12,210**	**12,456**	**24,666**

Appendix 1a
Population Estimates: Status Indian Population by Area
British Columbia, 1991 to 1997

1997 Population Estimates by Age and Gender

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	699	636	1,335	313	317	630	177	166	343	310	278	588
1 - 4	2,038	1,910	3,948	1,146	1,122	2,268	659	653	1,312	1,056	896	1,952
5 - 9	2,935	2,669	5,604	1,566	1,410	2,976	1,001	884	1,885	1,357	1,305	2,662
10-14	2,648	2,534	5,182	1,394	1,282	2,676	840	840	1,680	1,284	1,192	2,476
15-19	2,374	2,283	4,657	1,263	1,209	2,472	801	663	1,464	1,110	1,112	2,222
20-24	2,515	2,534	5,049	1,262	1,296	2,558	774	723	1,497	1,147	1,198	2,345
25-29	2,631	2,831	5,462	1,264	1,369	2,633	762	842	1,604	1,161	1,256	2,417
30-34	2,855	3,166	6,021	1,140	1,450	2,590	734	877	1,611	1,123	1,296	2,419
35-39	2,647	2,971	5,618	1,102	1,389	2,491	770	843	1,613	1,038	1,068	2,106
40-44	2,075	2,431	4,506	856	1,160	2,016	630	741	1,371	787	896	1,683
45-49	1,557	1,744	3,301	710	759	1,469	422	506	928	588	616	1,204
50-54	1,122	1,279	2,401	466	519	985	366	373	739	406	468	874
55-59	819	874	1,693	333	386	719	248	272	520	321	336	657
60-64	589	651	1,240	266	270	536	204	193	397	219	225	444
65-69	418	492	910	188	196	384	172	148	320	201	191	392
70-74	243	310	553	114	136	250	102	111	213	148	138	286
75+	341	435	776	152	218	370	172	186	358	207	220	427
Total	**28,506**	**29,750**	**58,256**	**13,535**	**14,488**	**28,023**	**8,834**	**9,021**	**17,855**	**12,463**	**12,691**	**25,154**

1991-1998 Aggregate Population Estimates
For use in Statistical Calculations

Age Group	South Mainland			Vancouver Island			North West			North East		
(Years)	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
< 1	5,761	5,424	11,185	3,479	3,377	6,856	1,487	1,353	2,840	2,556	2,340	4,896
1 - 4	16,752	15,276	32,028	9,851	9,227	19,078	5,850	5,475	11,325	8,250	7,649	15,899
5 - 9	21,193	19,872	41,065	11,476	10,443	21,919	7,413	6,786	14,199	10,275	9,503	19,778
10-14	19,662	18,490	38,152	10,310	9,708	20,018	6,441	5,820	12,261	9,348	8,981	18,329
15-19	18,366	17,730	36,096	9,749	9,804	19,553	6,386	5,704	12,090	8,774	8,941	17,715
20-24	19,053	19,875	38,928	9,655	10,504	20,159	6,214	6,248	12,462	8,905	9,543	18,448
25-29	20,509	22,425	42,934	9,061	10,925	19,986	5,954	6,829	12,783	8,698	9,778	18,476
30-34	21,425	24,293	45,718	8,683	11,280	19,963	6,130	7,080	13,210	8,345	9,285	17,630
35-39	18,164	20,935	39,099	7,457	9,648	17,105	5,548	6,246	11,794	7,015	7,577	14,592
40-44	14,299	16,000	30,299	6,038	7,082	13,120	4,232	4,903	9,135	5,397	5,934	11,331
45-49	10,649	11,629	22,278	4,426	4,645	9,071	3,176	3,536	6,712	3,983	4,099	8,082
50-54	7,557	8,185	15,742	3,021	3,315	6,336	2,517	2,565	5,082	2,909	3,162	6,071
55-59	5,537	5,929	11,466	2,273	2,460	4,733	1,845	1,848	3,693	2,193	2,205	4,398
60-64	4,085	4,331	8,416	1,737	1,780	3,517	1,459	1,379	2,838	1,755	1,707	3,462
65-69	2,722	3,189	5,911	1,171	1,240	2,411	1,153	1,095	2,248	1,405	1,353	2,758
70-74	1,687	2,079	3,766	789	1,030	1,819	773	797	1,570	995	967	1,962
75+	2,355	2,844	5,199	14,772	16,038	30,810	1,192	1,275	2,467	1,441	1,588	3,029
Total	**209,776**	**218,506**	**428,282**	**100,460**	**108,028**	**208,488**	**67,770**	**68,939**	**136,709**	**92,244**	**94,612**	**186,856**

Appendix 2
Detailed Mortality Tables, British Columbia, 1991-1998

International Classification of Diseases (ICD9) Codes for Categories presented in Appendix 2

Underlying Cause of Death	ICD9 Codes
Infectious and Parasitic Diseases	
Tuberculosis	010-018, 137
Septicemia	038
AIDS/HIV infections	042-044
Viral hepatitis	070
Other infectious and parasitic diseases	....
All infectious and parasitic diseases	001-139
Cancers	
Gastrointestinal cancers	140-159
Respiratory system cancers	160-165
Female breast cancer	174
Female reproductive system cancers	179-184
Prostate cancer	185
Bladder, kidney and urinary tract	188-189
Blood & lymph system cancers	200-208
Skin, bone & connective tissue cancers	170-173, 175
Brain cancers	191
Other cancers	....
All cancers	140-208
Endocrine/nutritional/metabolic diseases & immunity disorders	
Diabetes	250
Obesity	278
Nutritional deficiencies	260-269
Fluid and electrolyte imbalances	276
Other endocrine/nutritional/metabolic	....
All endocrine/nutritional/metabolic diseases	240-279
Diseases of the nervous system and sense organs	
Alzheimer's disease	331.0
All nervous system diseases	320-389
Diseases of the circulatory system	
Ischaemic heart disease	410-414, 429.2
Cerebrovascular disease/stroke	430-434,436-438
Diseases of the arteries	440-448
Rheumatic/valvular diseases	391-398, 424
Cardiomyopathies	425
Congestive heart failure	428
Conduction dis. & cardiac dysrhythmia	426-427
Other circulatory system diseases	....
All circulatory system diseases	390-459
Respiratory Diseases	
Pneumonia/influenza	480-487
Chronic pulmonary diseases	491, 492, 496
Asthma	493
Pulmonary fibrosis	515
Other respiratory diseases	....
All respiratory diseases	460-519

Underlying Cause of Death	ICD9 Codes
Diseases of the digestive system	
Chronic liver disease/cirrhosis	571
Other liver diseases	570, 572-573
Gastrointestinal ulcers	530.2, 531-534
Upper gastrointestinal inflammation	530.1, 535
Noninfective enteritis and colitis	555-558
Biliary tract diseases	574-576
Disease of the pancreas	577
Gastrointestinal hemorrhage	578
Other diseases of the digestive system	...
All diseases of the digestive system	520-579
Diseases of the genitourinary system	
Renal failure, nephritis, nephrosis	580-589
All diseases of the genitourinary system	580-629
Congenital anomalies	
Congenital anomalies - nervous system	740-742
Congenital anomalies - circulatory sys.	745-747
Congenital anomalies - urinary system	753
Other congenital anomalies	...
All congenital anomalies	740-759
Causes of perinatal mortality	
Immaturity, short gestation	765
Respiratory distress syndrome	769
Hypoxia & other respiratory conditions	768, 770
Maternal complications of labour	761
Other causes of perinatal mortality	...
All causes of perinatal mortality	760-779
Sudden infant death syndrome	798.0
Accidents and violence (External causes)	
Motor vehicle traffic accidents	E810-E819
Other transportation accidents	E800-E807, E826-E829, E831, E833-E838, E840-E848
Accidental drowning	E830,E832,E910
Accidental poisoning	E850-E869
Accidental falls	E880-E888
Fire and flames	E890-E899
Suicide	E950-E959
Homicide	E960-E969
Other accidents and violence	.....
All accidents and violence	E800-E999

Status Indian Males in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	406	157.5	452	176.9	420	157.7	393	135.1	366	108.7	391	110.7	432	121.6	448	131.0	3,308	135.3
Infectious and Parasitic Diseases																		
Tuberculosis	1	0.7	-	-	1	0.4	1	0.3	-	-	-	-	-	-	1	0.2	4	0.2
Septicemia	2	0.3	3	1.8	-	-	1	0.4	-	-	2	0.8	2	0.4	2	0.4	12	0.5
AIDS/HIV infections	3	0.8	11	2.3	5	0.9	11	1.9	19	3.5	15	2.5	14	2.3	13	2.3	91	2.1
Viral hepatitis	1	0.7	1	0.7	1	0.2	-	-	-	-	2	0.5	2	0.7	2	0.5	9	0.4
Other infectious and parasitic diseases	4	1.8	1	0.1	1	0.2	1	0.2	4	0.7	2	1.1	2	0.3	-	-	15	0.5
All infectious and parasitic diseases	11	4.4	16	4.8	8	1.7	14	2.8	23	4.2	21	4.8	20	3.6	18	3.4	131	3.7
Cancers																		
Gastrointestinal cancers	17	8.9	16	8.3	12	5.9	21	10.3	19	7.8	15	5.5	18	6.8	26	9.6	144	7.8
Respiratory system cancers	9	4.6	18	10.2	19	8.4	13	5.5	10	4.4	11	4.6	10	3.5	15	5.4	105	5.7
Female breast cancer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female reproductive system cancers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate cancer	9	6.1	7	4.1	7	4.2	6	3.5	3	1.8	2	1.0	6	3.0	7	2.7	47	3.2
Bladder, kidney and urinary tract	3	2.2	5	2.3	3	1.6	1	0.2	4	1.4	2	0.8	2	0.8	3	1.5	23	1.3
Blood & lymph system cancers	5	2.0	8	3.0	2	1.1	9	3.0	3	1.2	5	2.1	6	1.9	5	1.7	43	2.0
Skin, bone & connective tissue cancers	1	0.2	-	-	5	1.8	1	0.2	1	0.6	2	0.3	2	0.7	-	-	12	0.5
Brain cancers	4	1.7	1	0.2	4	0.9	-	-	1	0.2	1	0.2	1	0.4	2	0.6	14	0.5
Other cancers	4	2.5	6	3.5	3	1.9	2	0.7	2	1.1	7	2.5	5	2.0	9	2.9	38	2.1
All cancers	52	28.1	61	31.6	55	25.8	53	23.4	43	18.4	45	17.0	50	19.1	67	24.5	426	23.1
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	8	4.8	5	3.0	5	2.3	4	2.2	2	0.9	7	2.6	4	1.3	7	2.9	42	2.4
Obesity	2	0.9	-	-	-	-	1	0.3	1	0.2	1	0.2	1	0.3	-	-	6	0.2
Nutritional deficiencies	-	-	1	0.7	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Fluid and electrolyte imbalances	2	1.5	-	-	2	0.9	-	-	1	0.2	-	-	-	-	-	-	5	0.3
Other endocrine/nutritional/metabolic	1	0.1	-	-	1	0.4	-	-	-	-	6	1.6	-	-	2	0.2	10	0.3
All endocrine/nutritional/metabolic dis.	13	7.3	6	3.7	8	3.6	5	2.5	4	1.2	14	4.3	5	1.6	9	3.1	64	3.3
Diseases of the nervous system and sense organs																		
Alzheimer's disease	1	0.5	2	1.4	2	1.3	1	0.6	-	-	-	-	1	0.5	-	-	7	0.5
All nervous system diseases	5	1.4	7	3.7	12	4.5	4	1.5	4	1.7	2	0.7	11	3.7	6	1.4	51	2.3
Diseases of the circulatory system																		
Ischaemic heart disease	49	26.8	54	31.2	52	27.2	49	23.6	38	15.5	38	14.8	56	21.6	49	19.6	385	22.0
Cerebrovascular disease/stroke	11	7.1	18	10.2	20	11.2	17	8.8	14	6.1	11	4.3	16	6.4	19	8.1	126	7.7
Diseases of the arteries	4	2.6	4	2.8	5	2.2	6	2.0	3	1.1	4	0.9	2	0.9	4	1.5	32	1.7
Rheumatic/valvular diseases	-	-	-	-	2	1.3	-	-	3	1.4	3	0.7	3	0.9	7	2.6	18	0.9
Cardiomyopathies	6	3.2	6	1.9	5	2.2	6	2.5	6	2.2	6	1.6	7	1.7	9	2.4	51	2.2
Congestive heart failure	7	5.0	3	2.1	12	7.3	8	4.4	4	2.3	6	2.7	12	5.2	2	1.0	54	3.6
Conduction dis. & cardiac dysrhythmia	2	0.8	4	2.6	2	1.2	2	1.2	6	2.5	6	2.0	7	2.0	10	4.2	39	2.2
Other circulatory system diseases	6	2.2	5	2.4	5	2.2	5	2.1	1	0.2	3	1.5	2	0.8	7	2.1	34	1.6
All circulatory system diseases	85	47.7	94	53.2	103	54.7	93	44.6	75	31.4	77	28.7	105	39.5	107	41.5	739	41.9
Respiratory Diseases																		
Pneumonia/ influenza	13	5.9	16	8.1	18	9.0	15	6.1	9	3.3	12	5.8	16	7.4	23	8.2	122	6.7
Chronic pulmonary diseases	7	4.9	14	8.5	8	5.2	8	4.5	5	2.7	5	2.4	11	5.1	10	4.2	68	4.6
Asthma	-	-	2	0.7	1	0.5	-	-	2	0.8	1	0.1	1	0.5	-	-	7	0.3
Pulmonary fibrosis	1	0.7	1	0.4	2	1.0	-	-	1	0.5	3	1.6	2	0.7	1	0.5	11	0.7

Status Indian Males in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	2	0.8	2	0.7	5	2.9	2	0.5	4	1.0	5	1.5	1	0.5	2	0.4	23	1.0
All respiratory diseases	23	12.3	35	18.3	34	18.6	25	11.1	21	8.3	26	11.5	31	14.3	36	13.3	231	13.3
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	9	2.0	16	6.6	8	2.3	7	2.0	10	3.5	11	3.2	12	3.0	8	1.8	81	3.0
Other liver diseases	2	1.2	-	-	-	-	1	0.2	2	0.5	2	0.5	2	0.3	-	-	9	0.3
Gastrointestinal ulcers	2	1.5	4	1.4	1	0.3	5	2.4	3	1.4	2	0.8	5	1.8	2	1.0	24	1.3
Upper gastrointestinal inflammation	1	0.4	3	1.1	1	0.7	2	0.9	-	-	-	-	2	0.4	-	-	9	0.4
Noninfective enteritis and colitis	-	-	4	2.3	1	0.4	1	0.6	-	-	-	-	2	0.4	3	1.0	11	0.6
Biliary tract diseases	1	0.7	1	0.3	1	0.6	-	-	2	1.1	-	-	-	-	1	0.3	6	0.4
Disease of the pancreas	1	0.2	3	1.6	-	-	-	-	-	-	1	0.2	-	-	1	0.2	6	0.2
Gastrointestinal hemorrhage	-	-	3	1.8	2	1.1	1	0.6	1	0.6	-	-	1	0.3	3	1.0	11	0.7
Other diseases of the digestive system	2	1.4	3	0.8	4	2.4	4	1.8	3	1.3	2	0.6	2	0.7	4	1.8	24	1.3
All diseases of the digestive system	18	7.4	37	15.8	18	7.7	21	8.5	21	8.3	18	5.2	26	7.0	22	7.1	181	8.2
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	4	2.5	9	5.4	5	2.5	4	2.5	3	1.7	3	1.6	4	1.6	4	1.6	36	2.3
All diseases of the genitourinary sys.	4	2.5	11	6.8	5	2.5	4	2.5	3	1.7	4	2.2	5	1.7	4	1.6	40	2.6
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	-	-	1	0.1	-	-	2	0.2	1	0.1	-	-	4	0.0
Congenital anomalies - circulatory sys.	1	0.1	4	0.6	2	0.8	1	0.1	-	-	3	0.4	-	-	4	0.4	15	0.3
Congenital anomalies - urinary system	1	0.1	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	2	0.0
Other congenital anomalies	1	0.1	2	0.2	1	0.1	2	0.2	-	-	1	0.1	-	-	-	-	7	0.1
All congenital anomalies	3	0.3	7	0.9	3	0.9	4	0.4	-	-	6	0.6	1	0.1	4	0.4	28	0.4
Causes of perinatal mortality																		
Immaturity, short gestation	1	0.1	-	-	-	-	-	-	-	-	2	0.2	2	0.2	-	-	5	0.1
Respiratory distress syndrome	-	-	3	0.3	1	0.1	1	0.1	-	-	-	-	-	-	1	0.1	6	0.1
Hypoxia & other respiratory conditions	3	0.3	-	-	1	0.1	1	0.1	-	-	3	0.3	1	0.1	-	-	9	0.1
Maternal complications of labour	-	-	-	-	1	0.1	1	0.1	1	0.1	1	0.1	-	-	-	-	4	0.0
Other causes of perinatal mortality	-	-	3	0.3	-	-	3	0.3	1	0.1	3	0.3	2	0.2	1	0.1	13	0.1
All causes of perinatal mortality	4	0.4	6	0.6	3	0.3	6	0.5	2	0.2	9	0.8	5	0.5	2	0.2	37	0.4
Sudden infant death syndrome	12	1.1	16	1.5	4	0.4	6	0.5	13	1.2	5	0.4	5	0.5	3	0.3	64	0.7
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	38	7.7	28	5.9	32	6.4	34	7.0	38	6.8	33	5.5	30	4.9	35	5.9	268	6.2
Other transportation accidents	4	0.9	3	0.7	2	0.3	3	0.8	2	0.3	2	0.3	6	1.0	4	0.5	26	0.6
Accidental drowning	10	2.0	14	2.8	10	2.2	10	1.7	2	0.4	6	1.5	9	1.4	9	1.7	70	1.7
Accidental poisoning	12	3.5	22	5.3	45	9.0	29	5.3	16	2.9	29	5.0	25	4.0	31	5.0	209	4.9
Accidental falls	4	1.8	4	1.8	5	2.3	6	2.3	11	3.6	17	4.0	9	2.2	6	1.0	62	2.4
Fire and flames	10	2.5	8	1.9	4	0.6	6	1.4	4	1.1	2	1.1	2	0.3	4	0.8	40	1.2
Suicide	38	7.5	34	6.9	31	5.1	22	3.5	28	4.5	25	4.7	38	5.8	26	4.0	242	5.2
Homicide	16	3.0	5	0.7	4	0.8	12	2.0	11	1.8	9	1.5	10	1.8	5	0.9	72	1.6
Other accidents and violence	12	3.5	16	3.1	12	2.5	10	2.9	22	4.8	10	2.0	11	1.9	8	2.2	101	2.8
All accidents and violence	144	32.3	134	29.2	145	29.4	132	26.9	134	26.2	133	25.4	140	23.4	128	22.0	1,090	26.6

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

Status Indian Females in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	278	117.7	293	118.2	332	121.2	277	89.9	285	80.9	281	82.3	310	83.5	316	87.5	2,372	95.7
Infectious and Parasitic Diseases																		
Tuberculosis	1	0.7	1	0.2	1	0.6	1	0.4	3	1.1	2	0.6	2	0.7	1	0.4	12	0.6
Septicemia	1	0.6	1	0.4	2	1.2	2	0.3	3	1.0	1	0.1	4	0.8	4	1.3	18	0.7
AIDS/HIV infections	1	0.6	1	0.2	2	0.7	2	0.4	3	0.4	1	0.1	3	0.4	4	0.5	17	0.4
Viral hepatitis	-	-	-	-	-	-	1	0.2	1	0.1	2	0.3	3	0.8	-	-	7	0.2
Other infectious and parasitic diseases	-	-	-	-	3	1.1	1	0.1	1	0.2	2	0.2	-	-	-	-	7	0.2
All infectious and parasitic diseases	3	1.9	3	0.8	8	3.6	7	1.4	11	2.9	8	1.3	12	2.7	9	2.2	61	2.1
Cancers																		
Gastrointestinal cancers	18	10.6	18	10.1	9	3.9	8	3.4	13	4.5	19	6.2	17	6.2	12	4.3	114	5.9
Respiratory system cancers	6	3.1	7	3.1	10	5.0	5	1.6	8	2.7	8	3.1	13	4.4	13	4.3	70	3.5
Female breast cancer	4	1.9	7	3.4	6	2.7	10	3.7	10	2.7	6	1.7	12	2.7	9	2.3	64	2.6
Female reproductive system cancers	3	1.9	1	0.4	9	3.4	6	1.9	7	1.9	6	1.3	4	1.2	8	2.3	44	1.8
Prostate cancer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bladder, kidney and urinary tract	1	0.6	1	0.6	-	-	1	0.4	1	0.4	1	0.3	-	-	-	-	5	0.3
Blood & lymph system cancers	1	0.2	2	0.8	2	1.0	-	-	3	1.0	6	2.2	8	2.6	2	0.6	24	1.1
Skin, bone & connective tissue cancers	1	0.1	1	0.3	-	-	2	0.5	-	-	3	1.1	-	-	3	0.9	10	0.4
Brain cancers	2	0.7	2	0.3	1	0.3	-	-	-	-	-	-	2	0.6	-	-	7	0.2
Other cancers	8	4.6	1	0.1	3	1.7	5	1.9	5	1.2	2	0.5	7	1.4	7	2.3	38	1.7
All cancers	44	23.7	40	19.1	40	17.9	37	13.3	47	14.5	51	16.3	63	19.2	54	17.1	376	17.4
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	9	4.8	4	1.7	6	3.4	4	1.5	8	3.0	4	1.4	8	2.6	9	2.8	52	2.6
Obesity	-	-	1	0.4	-	-	1	0.4	1	0.3	1	0.2	1	0.2	-	-	5	0.2
Nutritional deficiencies	-	-	-	-	-	-	1	0.5	3	0.9	1	0.2	-	-	-	-	5	0.2
Fluid and electrolyte imbalances	1	0.6	1	0.1	-	-	-	-	1	0.2	-	-	1	0.4	2	0.5	6	0.3
Other endocrine/nutritional/metabolic	1	0.1	-	-	2	0.2	1	0.2	4	1.3	-	-	-	-	1	0.4	9	0.3
All endocrine/nutritional/metabolic dis.	11	5.6	6	2.2	8	3.6	7	2.6	17	5.6	6	1.8	10	3.3	12	3.7	77	3.5
Diseases of the nervous system and sense organs																		
Alzheimer's disease	1	0.6	1	0.6	3	1.7	-	-	2	1.0	1	0.5	-	-	1	0.3	9	0.5
All nervous system diseases	3	1.4	6	2.3	6	2.2	5	1.4	6	2.4	5	1.3	9	2.1	5	1.3	45	1.8
Diseases of the circulatory system																		
Ischaemic heart disease	18	9.7	30	16.8	34	18.6	34	16.4	27	11.6	32	12.7	19	7.2	24	8.8	218	12.4
Cerebrovascular disease/stroke	23	11.8	29	13.9	22	9.9	13	6.1	16	5.6	15	6.0	17	6.5	21	7.1	156	8.0
Diseases of the arteries	2	0.8	8	4.4	5	2.8	5	1.8	2	0.3	2	0.6	4	1.5	1	0.3	29	1.4
Rheumatic/valvular diseases	3	1.4	3	1.4	9	4.3	1	0.5	1	0.5	3	0.8	6	1.5	3	0.8	29	1.3
Cardiomyopathies	1	0.2	3	1.0	3	0.8	-	-	3	0.7	5	1.6	2	0.6	4	1.3	21	0.8
Congestive heart failure	9	5.8	4	2.5	8	4.6	10	4.9	3	1.5	8	3.2	2	0.9	8	3.2	52	3.2
Conduction dis. & cardiac dysrhythmia	6	3.5	2	1.3	6	2.9	4	1.5	3	1.1	7	2.7	7	2.2	6	2.2	41	2.2
Other circulatory system diseases	4	2.0	7	4.0	2	0.9	4	1.7	3	0.6	6	2.3	2	0.4	6	1.5	34	1.6
All circulatory system diseases	66	35.2	86	45.2	89	44.8	71	33.0	58	21.9	78	30.0	59	20.7	73	25.1	580	30.9
Respiratory Diseases																		
Pneumonia/ influenza	19	9.9	18	8.2	23	10.2	8	4.0	11	4.0	8	2.4	11	3.4	15	5.0	113	5.6
Chronic pulmonary diseases	2	1.3	8	4.4	6	3.0	4	1.8	1	0.5	3	1.2	4	1.2	6	2.4	34	1.9
Asthma	1	0.6	1	0.6	1	0.6	-	-	1	0.5	1	0.3	2	0.5	2	0.3	9	0.4
Pulmonary fibrosis	3	1.3	3	1.1	1	0.6	1	0.5	2	0.9	-	-	1	0.2	3	1.0	14	0.7

Status Indian Females in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	5	2.7	3	1.9	5	2.5	4	1.6	3	0.7	3	0.8	3	0.8	5	1.4	31	1.5
All respiratory diseases	30	15.8	33	16.3	36	16.9	17	7.9	18	6.6	15	4.8	21	6.1	31	10.1	201	10.0
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	10	4.1	15	5.0	17	4.8	14	4.0	12	2.6	11	3.1	10	2.1	17	3.2	106	3.5
Other liver diseases	4	1.4	2	0.6	3	0.8	1	0.3	2	0.6	2	0.3	3	0.8	4	0.7	21	0.7
Gastrointestinal ulcers	1	0.6	1	0.6	-	-	1	0.2	1	0.4	2	0.6	3	0.9	1	0.4	10	0.5
Upper gastrointestinal inflammation	2	0.9	2	0.5	-	-	-	-	-	-	-	-	-	-	-	-	4	0.1
Noninfective enteritis and colitis	3	1.3	1	0.6	2	0.7	-	-	1	0.4	2	0.6	-	-	2	0.8	11	0.5
Biliary tract diseases	1	0.2	-	-	-	-	2	0.8	-	-	1	0.3	-	-	1	0.4	5	0.2
Disease of the pancreas	1	0.3	-	-	-	-	-	-	2	0.8	1	0.5	1	0.3	2	0.7	7	0.3
Gastrointestinal hemorrhage	-	-	1	0.6	1	0.6	2	1.1	-	-	1	0.1	1	0.4	1	0.4	7	0.4
Other diseases of the digestive system	1	0.6	5	2.4	3	1.7	3	1.4	3	0.8	1	0.4	5	1.7	1	0.4	22	1.1
All diseases of the digestive system	23	9.5	27	10.4	26	8.6	23	7.7	21	5.6	21	5.9	23	6.3	29	7.0	193	7.4
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	1	0.5	2	1.2	2	1.2	3	1.6	7	2.6	6	2.2	9	3.4	3	1.2	33	1.8
All diseases of the genitourinary sys.	3	1.3	2	1.2	6	2.8	4	2.1	8	3.1	8	3.1	10	3.5	6	2.1	47	2.5
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	1	0.1	-	-	-	-	1	0.1	-	-	-	-	2	0.0
Congenital anomalies - circulatory sys.	1	0.2	1	0.1	-	-	1	0.1	1	0.1	1	0.1	-	-	1	0.1	6	0.1
Congenital anomalies - urinary system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1	1	0.0
Other congenital anomalies	-	-	2	0.2	3	0.3	1	0.1	2	0.2	-	-	-	-	1	0.1	9	0.1
All congenital anomalies	1	0.2	3	0.3	4	0.4	2	0.2	3	0.3	2	0.2	-	-	3	0.3	18	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	-	-	-	-	-	-	1	0.1	1	0.1	1	0.1	1	0.1	-	-	4	0.0
Respiratory distress syndrome	2	0.2	-	-	-	-	1	0.1	2	0.2	-	-	-	-	-	-	5	0.1
Hypoxia & other respiratory conditions	1	0.1	2	0.2	-	-	-	-	4	0.4	-	-	1	0.1	-	-	8	0.1
Maternal complications of labour	1	0.1	-	-	2	0.2	-	-	-	-	-	-	2	0.2	-	-	5	0.1
Other causes of perinatal mortality	-	-	2	0.2	1	0.1	3	0.3	-	-	1	0.1	1	0.1	-	-	8	0.1
All causes of perinatal mortality	4	0.4	4	0.4	3	0.3	5	0.5	7	0.7	2	0.2	5	0.5	-	-	30	0.4
Sudden infant death syndrome	11	1.1	4	0.4	8	0.8	4	0.4	9	0.9	4	0.4	4	0.4	1	0.1	45	0.5
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	16	4.1	14	2.3	16	2.8	26	5.2	15	2.4	14	2.2	10	1.4	11	2.0	122	2.7
Other transportation accidents	-	-	1	0.2	2	0.3	1	0.1	-	-	-	-	-	-	3	0.6	7	0.2
Accidental drowning	2	0.4	2	0.3	1	0.2	-	-	-	-	-	-	1	0.2	2	0.3	8	0.2
Accidental poisoning	10	1.8	10	1.7	27	4.6	23	3.6	10	1.9	15	2.2	22	3.1	23	3.2	140	2.8
Accidental falls	5	2.9	3	1.1	5	1.6	1	0.1	8	3.2	3	1.3	11	3.8	8	2.8	44	2.2
Fire and flames	8	1.5	1	0.1	2	0.3	-	-	3	0.8	2	0.6	3	0.4	2	0.6	21	0.5
Suicide	7	1.0	10	1.7	14	2.4	9	1.2	9	1.3	13	1.7	9	1.5	7	1.0	78	1.5
Homicide	7	1.0	3	0.4	9	2.0	6	0.9	7	1.1	1	0.1	8	1.3	1	0.1	42	0.9
Other accidents and violence	6	2.3	8	2.6	7	1.0	7	1.6	7	1.0	4	0.8	9	1.8	3	0.7	51	1.4
All accidents and violence	61	15.1	52	10.5	83	15.3	73	12.8	59	11.7	52	9.0	73	13.6	60	11.3	513	12.4

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Status Indians in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	684	137.0	745	146.4	752	138.8	670	111.4	651	94.0	672	95.8	742	101.7	764	108.0	5,680	114.6
Infectious and Parasitic Diseases																		
Tuberculosis	2	0.7	1	0.1	2	0.5	2	0.4	3	0.6	2	0.3	2	0.3	2	0.3	16	0.4
Septicemia	3	0.5	4	1.1	2	0.6	3	0.3	3	0.5	3	0.4	6	0.6	6	0.9	30	0.6
AIDS/HIV infections	4	0.7	12	1.1	7	0.8	13	1.1	22	1.9	16	1.2	17	1.3	17	1.4	108	1.2
Viral hepatitis	1	0.3	1	0.3	1	0.1	1	0.1	1	0.1	4	0.4	5	0.7	2	0.3	16	0.3
Other infectious and parasitic diseases	4	0.9	1	0.0	4	0.7	2	0.1	5	0.4	4	0.6	2	0.1	-	-	22	0.3
All infectious and parasitic diseases	14	3.1	19	2.7	16	2.7	21	2.1	34	3.5	29	2.9	32	3.1	27	2.8	192	2.9
Cancers																		
Gastrointestinal cancers	35	9.8	34	9.2	21	4.8	29	6.6	32	6.0	34	5.8	35	6.5	38	6.8	258	6.8
Respiratory system cancers	15	3.9	25	6.5	29	6.6	18	3.4	18	3.5	19	3.8	23	4.0	28	4.9	175	4.5
Female breast cancer	4	1.9	7	3.4	6	2.7	10	3.7	10	2.7	6	1.7	12	2.7	9	2.3	64	2.6
Female reproductive system cancers	3	1.9	1	0.4	9	3.4	6	1.9	7	1.9	6	1.3	4	1.2	8	2.3	44	1.8
Prostate cancer	9	6.1	7	4.1	7	4.2	6	3.5	3	1.8	2	1.0	6	3.0	7	2.7	47	3.2
Bladder, kidney and urinary tract	4	1.3	6	1.5	3	0.8	2	0.3	5	0.9	3	0.5	2	0.4	3	0.7	28	0.7
Blood & lymph system cancers	6	0.2	10	0.8	4	1.0	9	0.0	6	1.0	11	2.2	14	2.6	7	0.6	67	1.1
Skin, bone & connective tissue cancers	2	0.2	1	0.0	5	1.8	3	0.2	1	0.6	5	0.3	2	0.7	3	0.0	22	0.5
Brain cancers	6	1.2	3	0.2	5	0.6	-	-	1	0.1	1	0.1	3	0.5	2	0.3	21	0.4
Other cancers	12	3.6	7	1.7	6	1.8	7	1.3	7	1.1	9	1.4	12	1.7	16	2.6	76	1.9
All cancers	96	25.9	101	25.1	95	21.6	90	18.0	90	16.3	96	16.5	113	19.2	121	20.5	802	20.1
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	17	4.8	9	2.3	11	2.9	8	1.8	10	2.0	11	2.0	12	2.0	16	2.8	94	2.5
Obesity	2	0.5	1	0.2	-	-	2	0.4	2	0.2	2	0.2	2	0.2	-	-	11	0.2
Nutritional deficiencies	-	-	1	0.3	-	-	1	0.3	3	0.5	1	0.1	-	-	-	-	6	0.1
Fluid and electrolyte imbalances	3	1.0	1	0.1	2	0.4	-	-	2	0.2	-	-	1	0.2	2	0.3	11	0.3
Other endocrine/nutritional/metabolic	2	0.1	-	-	3	0.3	1	0.1	4	0.7	6	0.7	-	-	3	0.3	19	0.3
All endocrine/nutritional/metabolic dis.	24	6.4	12	2.9	16	3.6	12	2.6	21	3.5	20	3.0	15	2.5	21	3.5	141	3.4
Diseases of the nervous system and sense organs																		
Alzheimer's disease	2	0.5	3	1.0	5	1.5	1	0.3	2	0.5	1	0.3	1	0.2	1	0.2	16	0.5
All nervous system diseases	8	1.4	13	2.9	18	3.3	9	1.4	10	2.1	7	1.0	20	2.8	11	1.3	96	2.0
Diseases of the circulatory system																		
Ischaemic heart disease	67	17.9	84	23.7	86	22.8	83	19.9	65	13.5	70	13.7	75	14.0	73	13.8	603	17.0
Cerebrovascular disease/stroke	34	9.6	47	12.1	42	10.5	30	7.4	30	5.8	26	5.3	33	6.5	40	7.5	282	7.9
Diseases of the arteries	6	1.7	12	3.6	10	2.5	11	1.9	5	0.7	6	0.7	6	1.2	5	0.9	61	1.6
Rheumatic/valvular diseases	3	0.7	3	0.7	11	2.8	1	0.3	4	0.9	6	0.8	9	1.2	10	1.6	47	1.2
Cardiomyopathies	7	1.7	9	1.4	8	1.5	6	1.2	9	1.4	11	1.6	9	1.1	13	1.8	72	1.5
Congestive heart failure	16	5.4	7	2.3	20	5.9	18	4.7	7	1.9	14	3.0	14	2.9	10	2.2	106	3.4
Conduction dis. & cardiac dysrhythmia	8	2.3	6	1.9	8	2.1	6	1.3	9	1.7	13	2.4	14	2.1	16	3.1	80	2.2
Other circulatory system diseases	10	2.1	12	3.3	7	1.5	9	1.9	4	0.4	9	1.9	4	0.6	13	1.8	68	1.6
All circulatory system diseases	151	41.4	180	49.0	192	49.7	164	38.6	133	26.3	155	29.6	164	29.6	180	32.7	1,319	36.2
Respiratory Diseases																		
Pneumonia/ influenza	32	8.1	34	8.1	41	9.6	23	5.0	20	3.7	20	4.0	27	5.2	38	6.5	235	6.1
Chronic pulmonary diseases	9	3.0	22	6.4	14	4.0	12	3.1	6	1.5	8	1.7	15	3.0	16	3.3	102	3.2
Asthma	1	0.3	3	0.7	2	0.6	-	-	3	0.6	2	0.2	3	0.5	2	0.2	16	0.4
Pulmonary fibrosis	4	1.0	4	0.8	3	0.8	1	0.3	3	0.7	3	0.7	3	0.4	4	0.8	25	0.7

All Status Indians in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	7	1.8	5	1.3	10	2.7	6	1.1	7	0.8	8	1.2	4	0.6	7	0.9	54	1.3
All respiratory diseases	53	14.2	68	17.3	70	17.7	42	9.4	39	7.4	41	7.8	52	9.8	67	11.6	432	11.6
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	19	3.1	31	5.8	25	3.6	21	3.0	22	3.0	22	3.2	22	2.6	25	2.5	187	3.2
Other liver diseases	6	1.3	2	0.3	3	0.4	2	0.3	4	0.6	4	0.4	5	0.6	4	0.4	30	0.5
Gastrointestinal ulcers	3	1.0	5	1.0	1	0.1	6	1.2	4	0.8	4	0.7	8	1.3	3	0.7	34	0.9
Upper gastrointestinal inflammation	3	0.7	5	0.8	1	0.3	2	0.5	-	-	-	-	2	0.2	-	-	13	0.3
Noninfective enteritis and colitis	3	0.7	5	1.4	3	0.6	1	0.3	1	0.2	2	0.3	2	0.2	5	0.9	22	0.5
Biliary tract diseases	2	0.5	1	0.1	1	0.3	2	0.4	2	0.5	1	0.2	-	-	2	0.3	11	0.3
Disease of the pancreas	2	0.2	3	0.7	-	-	-	-	2	0.4	2	0.3	1	0.2	3	0.5	13	0.3
Gastrointestinal hemorrhage	-	-	4	1.2	3	0.8	3	0.9	1	0.3	1	0.1	2	0.4	4	0.7	18	0.5
Other diseases of the digestive system	3	1.0	8	1.6	7	2.1	7	1.6	6	1.0	3	0.5	7	1.2	5	1.1	46	1.2
All diseases of the digestive system	41	8.5	64	13.0	44	8.2	44	8.1	42	6.7	39	5.6	49	6.7	51	7.0	374	7.8
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	5	1.4	11	3.3	7	1.8	7	2.0	10	2.2	9	1.9	13	2.6	7	1.4	69	2.1
All diseases of the genitourinary sys.	7	1.9	13	3.9	11	2.7	8	2.3	11	2.4	12	2.6	15	2.7	10	1.8	87	2.5
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	1	0.0	1	0.0	-	-	3	0.1	1	0.0	-	-	6	0.0
Congenital anomalies - circulatory sys.	2	0.2	5	0.3	2	0.4	2	0.1	1	0.0	4	0.2	-	-	5	0.3	21	0.2
Congenital anomalies - urinary system	1	0.0	1	0.0	-	-	-	-	-	-	-	-	-	-	1	0.1	3	0.0
Other congenital anomalies	1	0.0	4	0.2	4	0.2	3	0.1	2	0.1	1	0.0	-	-	1	0.1	16	0.1
All congenital anomalies	4	0.3	10	0.6	7	0.6	6	0.3	3	0.2	8	0.4	1	0.0	7	0.4	46	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	1	0.0	-	-	-	-	1	0.0	1	0.0	3	0.1	3	0.1	-	-	9	0.1
Respiratory distress syndrome	2	0.1	3	0.1	1	0.0	2	0.1	2	0.1	-	-	-	-	1	0.0	11	0.1
Hypoxia & other respiratory conditions	4	0.2	2	0.1	1	0.0	1	0.0	4	0.2	3	0.1	2	0.1	-	-	17	0.1
Maternal complications of labour	1	0.0	-	-	3	0.1	1	0.0	1	0.0	1	0.0	2	0.1	-	-	9	0.1
Other causes of perinatal mortality	-	-	5	0.2	1	0.0	6	0.3	1	0.0	4	0.2	3	0.1	1	0.0	21	0.1
All causes of perinatal mortality	8	0.4	10	0.5	6	0.3	11	0.5	9	0.4	11	0.5	10	0.5	2	0.1	67	0.4
Sudden infant death syndrome	23	1.1	20	0.9	12	0.6	10	0.5	22	1.0	9	0.4	9	0.4	4	0.2	109	0.6
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	54	5.8	42	4.0	48	4.6	60	6.0	53	4.5	47	3.8	40	3.1	46	3.8	390	4.4
Other transportation accidents	4	0.4	4	0.5	4	0.3	4	0.4	2	0.1	2	0.1	6	0.4	7	0.6	33	0.4
Accidental drowning	12	1.1	16	1.5	11	1.2	10	0.8	2	0.2	6	0.7	10	0.8	11	1.0	78	0.9
Accidental poisoning	22	2.6	32	3.4	72	6.7	52	4.4	26	2.4	44	3.5	47	3.6	54	4.0	349	3.8
Accidental falls	9	2.4	7	1.4	10	1.9	7	1.1	19	3.4	20	2.6	20	3.1	14	1.9	106	2.3
Fire and flames	18	1.9	9	1.0	6	0.4	6	0.7	7	1.0	4	0.8	5	0.4	6	0.7	61	0.8
Suicide	45	4.0	44	4.2	45	3.7	31	2.3	37	2.8	38	3.1	47	3.6	33	2.5	320	3.3
Homicide	23	1.9	8	0.6	13	1.5	18	1.4	18	1.4	10	0.8	18	1.6	6	0.5	114	1.2
Other accidents and violence	18	2.9	24	2.8	19	1.7	17	2.2	29	2.8	14	1.4	20	1.8	11	1.5	152	2.1
All accidents and violence	205	23.2	186	19.5	228	22.0	205	19.4	193	18.6	185	16.8	213	18.4	188	16.4	1,603	19.2

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Other Male Residents in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	12,567	79.1	12,852	78.4	13,439	80.0	13,379	77.4	13,706	76.8	14,282	77.5	14,036	73.8	14,055	71.8	108,316	76.7
Infectious and Parasitic Diseases																		
Tuberculosis	8	0.1	6	0.0	12	0.1	6	0.0	8	0.0	10	0.1	6	0.0	7	0.0	63	0.0
Septicemia	39	0.2	49	0.3	51	0.3	54	0.3	41	0.2	49	0.3	49	0.3	60	0.3	392	0.3
AIDS/HIV infections	172	1.0	234	1.4	279	1.6	297	1.6	256	1.3	219	1.1	86	0.4	79	0.4	1,622	1.1
Viral hepatitis	17	0.1	11	0.1	20	0.1	18	0.1	34	0.2	31	0.2	31	0.2	38	0.2	200	0.1
Other infectious and parasitic diseases	29	0.2	27	0.2	29	0.2	41	0.2	24	0.1	30	0.2	29	0.1	39	0.2	248	0.2
All infectious and parasitic diseases	265	1.6	327	1.9	391	2.2	416	2.3	363	1.9	339	1.8	201	1.0	223	1.1	2,525	1.7
Cancers																		
Gastrointestinal cancers	983	6.1	995	6.0	1,070	6.2	1,091	6.2	1,108	6.1	1,111	5.9	1,111	5.8	1,134	5.7	8,603	6.0
Respiratory system cancers	1,142	7.0	1,164	7.0	1,119	6.5	1,114	6.3	1,072	5.9	1,188	6.4	1,189	6.2	1,139	5.8	9,127	6.4
Female breast cancer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female reproductive system cancers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prostate cancer	463	3.0	437	2.7	482	2.9	470	2.8	479	2.7	485	2.7	468	2.5	439	2.3	3,723	2.7
Bladder, kidney and urinary tract	165	1.0	173	1.0	215	1.3	214	1.2	184	1.0	213	1.1	241	1.3	218	1.1	1,623	1.1
Blood & lymph system cancers	286	1.8	268	1.6	302	1.8	321	1.8	365	2.0	366	2.0	373	1.9	415	2.1	2,696	1.9
Skin, bone & connective tissue cancers	79	0.5	85	0.5	85	0.5	90	0.5	91	0.5	79	0.4	106	0.5	124	0.6	739	0.5
Brain cancers	72	0.4	92	0.5	96	0.6	105	0.6	107	0.6	106	0.6	115	0.6	100	0.5	793	0.5
Other cancers	195	1.2	199	1.2	198	1.2	203	1.2	288	1.6	261	1.4	261	1.4	286	1.4	1,891	1.3
All cancers	3,385	21.0	3,413	20.6	3,567	20.9	3,608	20.6	3,694	20.4	3,809	20.5	3,864	20.1	3,855	19.5	29,195	20.4
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	218	1.4	186	1.1	232	1.4	280	1.6	306	1.7	293	1.6	295	1.6	319	1.6	2,129	1.5
Obesity	5	0.0	5	0.0	4	0.0	8	0.0	4	0.0	12	0.1	10	0.0	4	0.0	52	0.0
Nutritional deficiencies	15	0.1	16	0.1	13	0.1	13	0.1	13	0.1	8	0.0	10	0.1	13	0.1	101	0.1
Fluid and electrolyte imbalances	17	0.1	19	0.1	23	0.1	17	0.1	10	0.1	15	0.1	29	0.2	23	0.1	153	0.1
Other endocrine/nutritional/metabolic	24	0.2	36	0.2	37	0.2	52	0.3	61	0.3	49	0.3	54	0.3	55	0.3	368	0.3
All endocrine/nutritional/metabolic dis.	279	1.8	262	1.6	309	1.8	370	2.2	394	2.2	377	2.0	398	2.1	414	2.1	2,803	2.0
Diseases of the nervous system and sense organs																		
Alzheimer's disease	93	0.6	89	0.6	96	0.6	89	0.5	99	0.6	114	0.6	94	0.5	102	0.5	776	0.6
All nervous system diseases	263	1.7	275	1.7	292	1.8	295	1.7	307	1.7	324	1.8	324	1.7	347	1.8	2,427	1.7
Diseases of the circulatory system																		
Ischaemic heart disease	2,797	17.6	2,826	17.3	2,815	16.8	2,744	16.0	2,853	16.1	2,978	16.2	2,842	15.0	2,725	13.9	22,580	16.0
Cerebrovascular disease/stroke	857	5.5	816	5.1	856	5.2	889	5.3	919	5.2	940	5.2	942	5.0	907	4.7	7,126	5.1
Diseases of the arteries	328	2.1	330	2.0	303	1.8	299	1.8	324	1.8	342	1.9	295	1.6	325	1.7	2,546	1.8
Rheumatic/valvular diseases	121	0.8	98	0.6	107	0.6	110	0.6	115	0.7	112	0.6	112	0.6	125	0.6	900	0.6
Cardiomyopathies	127	0.8	151	0.9	141	0.8	157	0.9	120	0.7	137	0.7	135	0.7	141	0.7	1,109	0.8
Congestive heart failure	233	1.5	248	1.6	275	1.7	235	1.4	247	1.4	280	1.6	275	1.5	291	1.5	2,084	1.5
Conduction dis. & cardiac dysrhythmia	157	1.0	174	1.1	200	1.2	170	1.0	202	1.2	232	1.3	216	1.1	221	1.1	1,572	1.1
Other circulatory system diseases	163	1.0	179	1.1	174	1.0	175	1.0	183	1.0	217	1.2	184	1.0	184	0.9	1,459	1.0
All circulatory system diseases	4,783	30.3	4,822	29.6	4,871	29.3	4,779	27.9	4,963	28.1	5,238	28.6	5,001	26.4	4,919	25.2	39,376	28.1
Respiratory Diseases																		
Pneumonia/ Influenza	486	3.2	512	3.2	546	3.4	533	3.2	549	3.2	557	3.1	601	3.2	639	3.3	4,423	3.2
Chronic pulmonary diseases	529	3.4	559	3.5	614	3.7	531	3.2	621	3.6	658	3.6	643	3.4	620	3.2	4,775	3.4
Asthma	27	0.2	37	0.2	25	0.1	34	0.2	35	0.2	40	0.2	21	0.1	33	0.2	252	0.2
Pulmonary fibrosis	42	0.3	47	0.3	34	0.2	46	0.3	48	0.3	54	0.3	70	0.4	66	0.3	407	0.3

All Other Male Residents in B.C.

Detailed Mortality Tables, British Columbia, 1991-1998

Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	111	0.7	132	0.8	118	0.7	119	0.7	109	0.6	143	0.8	141	0.7	121	0.6	994	0.7
All respiratory diseases	1,195	7.7	1,287	8.1	1,337	8.2	1,263	7.5	1,362	7.8	1,452	8.0	1,476	7.9	1,479	7.7	10,851	7.9
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	176	1.1	152	0.9	181	1.0	166	0.9	148	0.8	191	1.0	149	0.8	158	0.8	1,321	0.9
Other liver diseases	31	0.2	35	0.2	49	0.3	40	0.2	36	0.2	25	0.1	45	0.2	33	0.2	294	0.2
Gastrointestinal ulcers	57	0.4	53	0.3	50	0.3	56	0.3	52	0.3	61	0.3	60	0.3	58	0.3	447	0.3
Upper gastrointestinal inflammation	8	0.1	9	0.1	5	0.0	6	0.0	7	0.0	9	0.0	6	0.0	6	0.0	56	0.0
Noninfective enteritis and colitis	34	0.2	44	0.3	40	0.2	46	0.3	57	0.3	46	0.3	60	0.3	45	0.2	372	0.3
Biliary tract diseases	23	0.1	23	0.1	17	0.1	19	0.1	25	0.1	23	0.1	15	0.1	27	0.1	172	0.1
Disease of the pancreas	12	0.1	19	0.1	14	0.1	18	0.1	20	0.1	22	0.1	18	0.1	19	0.1	142	0.1
Gastrointestinal hemorrhage	23	0.1	42	0.3	42	0.3	54	0.3	43	0.2	35	0.2	42	0.2	55	0.3	336	0.2
Other diseases of the digestive system	67	0.4	70	0.4	67	0.4	77	0.5	77	0.4	79	0.4	82	0.4	94	0.5	613	0.4
All diseases of the digestive system	431	2.7	447	2.7	465	2.7	482	2.8	465	2.6	491	2.6	477	2.5	495	2.5	3,753	2.6
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	148	1.0	110	0.7	147	0.9	128	0.8	118	0.7	153	0.8	147	0.8	174	0.9	1,125	0.8
All diseases of the genitourinary sys.	209	1.4	159	1.0	207	1.3	174	1.0	169	1.0	199	1.1	207	1.1	218	1.1	1,542	1.1
Congenital anomalies																		
Congenital anomalies - nervous system	13	0.1	4	0.0	10	0.1	4	0.0	4	0.0	7	0.0	7	0.0	8	0.0	57	0.0
Congenital anomalies - circulatory sys.	23	0.1	24	0.1	27	0.2	24	0.1	37	0.2	31	0.2	28	0.2	25	0.1	219	0.2
Congenital anomalies - urinary system	8	0.1	8	0.0	1	0.0	4	0.0	5	0.0	1	0.0	1	0.0	6	0.0	34	0.0
Other congenital anomalies	27	0.2	19	0.1	29	0.2	23	0.1	25	0.2	19	0.1	15	0.1	29	0.2	186	0.1
All congenital anomalies	71	.0.5	55	0.3	67	0.4	55	0.3	71	0.4	58	0.3	51	0.3	68	0.4	496	0.4
Causes of perinatal mortality																		
Immaturity, short gestation	15	0.1	12	0.1	3	0.0	8	0.1	6	0.0	8	0.0	2	0.0	6	0.0	60	0.0
Respiratory distress syndrome	10	0.1	10	0.1	6	0.0	6	0.0	10	0.1	7	0.0	3	0.0	4	0.0	56	0.0
Hypoxia & other respiratory conditions	10	0.1	21	0.1	18	0.1	14	0.1	9	0.1	7	0.0	7	0.0	10	0.1	96	0.1
Maternal complications of labour	8	0.1	2	0.0	4	0.0	9	0.1	10	0.1	5	0.0	7	0.0	4	0.0	49	0.0
Other causes of perinatal mortality	16	0.1	23	0.1	18	0.1	20	0.1	16	0.1	22	0.1	25	0.2	11	0.1	151	0.1
All causes of perinatal mortality	59	0.4	68	0.4	49	0.3	57	0.4	51	0.3	49	0.3	44	0.3	35	0.2	412	0.3
Sudden infant death syndrome	29	0.2	20	0.1	24	0.2	22	0.1	16	0.1	7	0.0	13	0.1	6	0.0	137	0.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	316	2.0	255	1.6	293	1.7	295	1.7	283	1.6	264	1.4	263	1.4	250	1.3	2,219	1.6
Other transportation accidents	34	0.2	27	0.2	25	0.1	24	0.1	33	0.2	25	0.1	37	0.2	26	0.1	231	0.2
Accidental drowning	69	0.4	72	0.4	62	0.4	56	0.3	55	0.3	52	0.3	48	0.3	37	0.2	451	0.3
Accidental poisoning	143	0.9	178	1.0	324	1.8	284	1.6	220	1.2	269	1.4	289	1.5	340	1.7	2,047	1.4
Accidental falls	134	0.9	154	1.0	143	0.9	146	0.9	151	0.9	180	1.0	166	0.9	159	0.8	1,233	0.9
Fire and flames	16	0.1	23	0.1	21	0.1	19	0.1	16	0.1	17	0.1	15	0.1	18	0.1	145	0.1
Suicide	324	2.0	329	2.0	319	1.8	351	2.0	375	2.0	382	2.0	395	2.0	340	1.7	2,815	1.9
Homicide	58	0.4	70	0.4	60	0.4	63	0.4	62	0.3	66	0.4	54	0.3	45	0.2	478	0.3
Other accidents and violence	151	0.9	135	0.8	147	0.9	149	0.8	151	0.8	163	0.9	184	0.9	169	0.9	1,249	0.9
All accidents and violence	1,245	7.7	1,243	7.5	1,394	8.1	1,387	7.8	1,346	7.4	1,418	7.5	1,451	7.5	1,384	7.0	10,868	7.6

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Other Female Residents in B.C.	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	10,558	50.6	10,812	50.1	11,409	51.5	11,775	51.5	11,861	49.9	12,431	50.5	12,477	49.0	12,981	49.4	94,304	50.3
Infectious and Parasitic Diseases																		
Tuberculosis	7	0.0	6	0.0	6	0.0	6	0.0	10	0.0	11	0.0	10	0.0	2	0.0	58	0.0
Septicemia	49	0.2	57	0.3	58	0.3	60	0.3	61	0.2	60	0.2	59	0.2	80	0.3	484	0.2
AIDS/HIV Infections	1	0.0	5	0.0	13	0.1	21	0.1	16	0.1	15	0.1	12	0.1	13	0.1	96	0.1
Viral hepatitis	4	0.0	8	0.0	9	0.0	11	0.1	14	0.1	11	0.1	15	0.1	28	0.1	100	0.1
Other infectious and parasitic diseases	34	0.2	35	0.2	31	0.2	35	0.2	24	0.1	44	0.2	35	0.1	48	0.2	286	0.2
All infectious and parasitic diseases	95	0.5	111	0.5	117	0.6	133	0.6	125	0.5	141	0.6	131	0.5	171	0.7	1,024	0.6
Cancers																		
Gastrointestinal cancers	775	3.8	765	3.6	781	3.6	899	4.0	834	3.6	866	3.6	883	3.6	854	3.4	6,657	3.7
Respiratory system cancers	658	3.4	665	3.3	771	3.7	745	3.5	751	3.3	813	3.6	816	3.4	919	3.8	6,138	3.5
Female breast cancer	498	2.6	550	2.8	503	2.4	554	2.6	526	2.4	585	2.6	583	2.5	585	2.4	4,384	2.5
Female reproductive system cancers	281	1.4	269	1.3	294	1.4	302	1.4	320	1.4	306	1.3	338	1.5	311	1.3	2,421	1.4
Prostate cancer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bladder, kidney and urinary tract	102	0.5	90	0.4	97	0.4	90	0.4	102	0.4	115	0.5	121	0.5	112	0.4	829	0.4
Blood & lymph system cancers	237	1.2	248	1.2	283	1.4	253	1.2	286	1.3	271	1.2	295	1.2	298	1.2	2,171	1.2
Skin, bone & connective tissue cancers	65	0.3	49	0.2	62	0.3	49	0.2	81	0.4	68	0.3	68	0.3	72	0.3	514	0.3
Brain cancers	66	0.4	70	0.4	76	0.4	85	0.4	69	0.3	71	0.3	76	0.3	77	0.3	590	0.4
Other cancers	197	1.0	182	0.9	224	1.0	263	1.2	215	0.9	229	1.0	244	1.0	247	1.0	1,801	1.0
All cancers	2,879	14.5	2,888	14.1	3,091	14.7	3,240	14.9	3,184	14.1	3,324	14.3	3,424	14.3	3,475	14.2	25,505	14.4
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	212	1.0	212	1.0	248	1.1	240	1.0	289	1.2	255	1.0	262	1.0	283	1.1	2,001	1.1
Obesity	13	0.1	6	0.0	9	0.0	8	0.0	5	0.0	8	0.0	12	0.0	11	0.0	72	0.0
Nutritional deficiencies	16	0.1	25	0.1	25	0.1	22	0.1	18	0.1	23	0.1	31	0.1	18	0.1	178	0.1
Fluid and electrolyte imbalances	30	0.1	53	0.2	40	0.2	30	0.1	25	0.1	33	0.1	41	0.2	46	0.2	298	0.1
Other endocrine/nutritional/metabolic	33	0.2	41	0.2	45	0.2	36	0.2	43	0.2	40	0.2	42	0.2	44	0.2	324	0.2
All endocrine/nutritional/metabolic dis.	304	1.4	337	1.5	367	1.6	336	1.5	380	1.6	359	1.5	388	1.5	402	1.5	2,873	1.5
Diseases of the nervous system and sense organs																		
Alzheimer's disease	144	0.6	157	0.7	153	0.7	177	0.7	209	0.8	207	0.8	169	0.6	198	0.7	1,414	0.7
All nervous system diseases	276	1.3	311	1.4	328	1.5	356	1.5	387	1.6	411	1.7	413	1.6	378	1.4	2,860	1.5
Diseases of the circulatory system																		
Ischaemic heart disease	2,048	9.4	1,994	8.8	2,064	8.9	2,105	8.7	2,081	8.4	2,188	8.5	2,134	7.9	2,129	7.7	16,743	8.5
Cerebrovascular disease/stroke	1,087	5.0	1,090	4.8	1,172	5.0	1,184	4.9	1,189	4.7	1,252	4.8	1,247	4.6	1,346	4.8	9,567	4.8
Diseases of the arteries	252	1.2	254	1.1	244	1.0	253	1.1	243	1.0	251	1.0	219	0.8	252	0.9	1,968	1.0
Rheumatic/valvular diseases	136	0.6	111	0.5	131	0.6	156	0.7	158	0.6	165	0.6	155	0.6	166	0.6	1,178	0.6
Cardiomyopathies	58	0.3	55	0.3	50	0.2	65	0.3	49	0.2	51	0.2	70	0.3	88	0.3	486	0.3
Congestive heart failure	314	1.4	334	1.4	373	1.6	388	1.6	394	1.5	355	1.3	371	1.3	440	1.5	2,969	1.5
Conduction dis. & cardiac dysrhythmia	207	0.9	225	1.0	240	1.0	259	1.1	269	1.1	277	1.1	282	1.1	283	1.0	2,042	1.0
Other circulatory system diseases	211	1.0	201	0.9	198	0.9	221	1.0	210	0.9	233	0.9	223	0.9	244	0.9	1,741	0.9
All circulatory system diseases	4,313	19.7	4,264	18.9	4,472	19.2	4,631	19.2	4,593	18.4	4,772	18.4	4,701	17.4	4,948	17.8	36,694	18.6
Respiratory Diseases																		
Pneumonia/ Influenza	501	2.3	586	2.6	628	2.7	550	2.2	593	2.3	644	2.4	673	2.4	743	2.6	4,918	2.4
Chronic pulmonary diseases	282	1.3	318	1.4	382	1.7	401	1.7	431	1.8	503	2.0	499	1.9	468	1.7	3,284	1.7
Asthma	37	0.2	41	0.2	42	0.2	44	0.2	51	0.2	40	0.2	46	0.2	43	0.2	344	0.2
Pulmonary fibrosis	16	0.1	31	0.1	23	0.1	27	0.1	30	0.1	32	0.1	33	0.1	33	0.1	225	0.1

All Other Female Residents in B.C.

Detailed Mortality Tables, British Columbia, 1991-1998

Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	95	0.4	93	0.4	111	0.5	115	0.5	98	0.4	127	0.5	125	0.5	119	0.4	883	0.5
All respiratory diseases	931	4.3	1,069	4.7	1,186	5.1	1,137	4.7	1,203	4.8	1,346	5.2	1,376	5.1	1,406	5.1	9,654	4.9
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	90	0.5	91	0.5	99	0.5	76	0.4	95	0.4	82	0.4	67	0.3	98	0.4	698	0.4
Other liver diseases	20	0.1	28	0.1	21	0.1	38	0.2	22	0.1	34	0.1	25	0.1	30	0.1	218	0.1
Gastrointestinal ulcers	62	0.3	68	0.3	42	0.2	52	0.2	53	0.2	41	0.2	46	0.2	42	0.2	406	0.2
Upper gastrointestinal inflammation	6	0.0	10	0.0	6	0.0	10	0.0	2	0.0	5	0.0	7	0.0	5	0.0	51	0.0
Noninfective enteritis and colitis	73	0.3	59	0.3	84	0.4	66	0.3	66	0.3	66	0.3	75	0.3	81	0.3	570	0.3
Biliary tract diseases	21	0.1	21	0.1	20	0.1	28	0.1	23	0.1	29	0.1	21	0.1	21	0.1	184	0.1
Disease of the pancreas	19	0.1	10	0.0	19	0.1	12	0.1	13	0.1	10	0.0	16	0.1	21	0.1	120	0.1
Gastrointestinal hemorrhage	39	0.2	59	0.3	46	0.2	42	0.2	44	0.2	48	0.2	51	0.2	53	0.2	382	0.2
Other diseases of the digestive system	96	0.4	114	0.5	127	0.6	148	0.6	138	0.6	136	0.5	133	0.5	144	0.5	1,036	0.5
All diseases of the digestive system	426	2.0	460	2.1	464	2.1	472	2.0	456	1.9	451	1.8	441	1.7	495	1.9	3,665	1.9
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	129	0.6	134	0.6	117	0.5	111	0.5	108	0.4	124	0.5	125	0.5	154	0.6	1,002	0.5
All diseases of the genitourinary sys.	184	0.9	183	0.8	183	0.8	172	0.7	175	0.7	202	0.8	210	0.8	227	0.8	1,536	0.8
Congenital anomalies																		
Congenital anomalies - nervous system	4	0.0	3	0.0	6	0.0	10	0.1	6	0.0	7	0.0	5	0.0	3	0.0	44	0.0
Congenital anomalies - circulatory sys.	21	0.1	18	0.1	14	0.1	16	0.1	25	0.2	28	0.1	25	0.1	34	0.2	181	0.1
Congenital anomalies - urinary system	3	0.0	4	0.0	9	0.0	7	0.0	2	0.0	2	0.0	3	0.0	4	0.0	34	0.0
Other congenital anomalies	14	0.1	15	0.1	13	0.1	18	0.1	26	0.2	17	0.1	17	0.1	16	0.1	136	0.1
All congenital anomalies	42	0.3	40	0.2	42	0.2	51	0.3	59	0.4	54	0.3	50	0.3	57	0.3	395	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	8	0.1	7	0.0	4	0.0	10	0.1	10	0.1	7	0.0	7	0.0	4	0.0	57	0.0
Respiratory distress syndrome	1	0.0	3	0.0	7	0.0	9	0.1	6	0.0	3	0.0	4	0.0	1	0.0	34	0.0
Hypoxia & other respiratory conditions	8	0.1	7	0.0	6	0.0	17	0.1	5	0.0	5	0.0	11	0.1	7	0.0	66	0.1
Maternal complications of labour	9	0.1	8	0.1	7	0.0	5	0.0	12	0.1	4	0.0	5	0.0	5	0.0	55	0.0
Other causes of perinatal mortality	9	0.1	16	0.1	17	0.1	21	0.1	14	0.1	22	0.1	20	0.1	12	0.1	131	0.1
All causes of perinatal mortality	35	0.2	41	0.3	41	0.3	62	0.4	47	0.3	41	0.3	47	0.3	29	0.2	343	0.3
Sudden infant death syndrome	19	0.1	18	0.1	16	0.1	9	0.1	9	0.1	9	0.1	3	0.0	5	0.0	88	0.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	124	0.7	123	0.7	121	0.7	140	0.8	120	0.6	116	0.6	104	0.5	103	0.5	951	0.6
Other transportation accidents	9	0.1	8	0.0	3	0.0	7	0.0	7	0.0	6	0.0	8	0.0	2	0.0	50	0.0
Accidental drowning	16	0.1	10	0.1	9	0.1	18	0.1	11	0.1	12	0.1	9	0.0	7	0.0	92	0.1
Accidental poisoning	50	0.3	42	0.2	74	0.4	52	0.3	56	0.3	71	0.4	67	0.3	84	0.4	496	0.3
Accidental falls	171	0.8	157	0.7	155	0.7	164	0.7	165	0.7	188	0.7	194	0.7	199	0.7	1,393	0.7
Fire and flames	9	0.0	12	0.1	10	0.1	5	0.0	12	0.1	10	0.0	10	0.0	10	0.0	78	0.0
Suicide	92	0.5	97	0.6	86	0.5	101	0.6	97	0.5	108	0.5	106	0.5	100	0.5	787	0.5
Homicide	39	0.2	30	0.2	36	0.2	27	0.2	26	0.1	31	0.2	35	0.2	16	0.1	240	0.2
Other accidents and violence	72	0.4	50	0.2	60	0.3	54	0.3	78	0.4	67	0.3	69	0.3	74	0.3	524	0.3
All accidents and violence	582	3.2	529	2.8	554	2.9	568	2.9	572	2.8	609	2.8	602	2.7	595	2.6	4,611	2.8

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Other B.C. Residents	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	23,125	63.5	23,664	63.0	24,848	64.4	25,154	63.3	25,567	62.0	26,713	62.7	26,513	60.2	27,036	59.6	202,620	62.3
Infectious and Parasitic Diseases																		
Tuberculosis	15	0.0	12	0.0	18	0.0	12	0.0	18	0.0	21	0.0	16	0.0	9	0.0	121	0.0
Septicemia	88	0.2	106	0.3	109	0.3	114	0.3	102	0.2	109	0.3	108	0.2	140	0.3	876	0.3
AIDS/HIV infections	173	0.5	239	0.7	292	0.8	318	0.9	272	0.7	234	0.6	98	0.2	92	0.2	1,718	0.6
Viral hepatitis	21	0.1	19	0.1	29	0.1	29	0.1	48	0.1	42	0.1	46	0.1	66	0.2	300	0.1
Other infectious and parasitic diseases	63	0.2	62	0.2	60	0.2	76	0.2	48	0.1	74	0.2	64	0.1	87	0.2	534	0.2
All infectious and parasitic diseases	360	1.0	438	1.2	508	1.4	549	1.4	488	1.2	480	1.2	332	0.8	394	0.9	3,549	1.1
Cancers																		
Gastrointestinal cancers	1,758	4.8	1,760	4.7	1,851	4.8	1,990	5.0	1,942	4.7	1,977	4.7	1,994	4.6	1,988	4.4	15,260	4.7
Respiratory system cancers	1,800	5.0	1,829	4.9	1,890	4.9	1,859	4.7	1,823	4.5	2,001	4.8	2,005	4.6	2,058	4.7	15,265	4.8
Female breast cancer	498	2.6	550	2.8	503	2.4	554	2.6	526	2.4	585	2.6	583	2.5	585	2.4	4,384	2.5
Female reproductive system cancers	281	1.4	269	1.3	294	1.4	302	1.4	320	1.4	306	1.3	338	1.5	311	1.3	2,421	1.4
Prostate cancer	463	3.0	437	2.7	482	2.9	470	2.8	479	2.7	485	2.7	468	2.5	439	2.3	3,723	2.7
Bladder, kidney and urinary tract	267	0.7	263	0.7	312	0.8	304	0.8	286	0.7	328	0.8	362	0.8	330	0.7	2,452	0.8
Blood & lymph system cancers	523	1.2	516	1.2	585	1.4	574	1.2	651	1.3	637	1.2	668	1.2	713	1.2	4,867	1.2
Skin, bone & connective tissue cancers	144	0.5	134	0.5	147	0.5	139	0.5	172	0.5	147	0.4	174	0.5	196	0.6	1,253	0.5
Brain cancers	138	0.4	162	0.5	172	0.5	190	0.5	176	0.4	177	0.4	191	0.5	177	0.4	1,383	0.4
Other cancers	392	1.1	381	1.0	422	1.1	466	1.2	503	1.2	490	1.2	505	1.2	533	1.2	3,692	1.1
All cancers	6,264	17.3	6,301	16.8	6,658	17.3	6,848	17.3	6,878	16.8	7,133	16.9	7,288	16.8	7,330	16.5	54,700	16.9
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	430	1.2	398	1.0	480	1.2	520	1.3	595	1.4	548	1.3	557	1.3	602	1.3	4,130	1.3
Obesity	18	0.1	11	0.0	13	0.0	16	0.0	9	0.0	20	0.0	22	0.1	15	0.0	124	0.0
Nutritional deficiencies	31	0.1	41	0.1	38	0.1	35	0.1	31	0.1	31	0.1	41	0.1	31	0.1	279	0.1
Fluid and electrolyte imbalances	47	0.1	72	0.2	63	0.2	47	0.1	35	0.1	48	0.1	70	0.2	69	0.1	451	0.1
Other endocrine/nutritional/metabolic	57	0.2	77	0.2	82	0.2	88	0.2	104	0.3	89	0.2	96	0.2	99	0.2	692	0.2
All endocrine/nutritional/metabolic dis.	583	1.6	599	1.6	676	1.7	706	1.8	774	1.9	736	1.7	786	1.8	816	1.8	5,676	1.7
Diseases of the nervous system and sense organs																		
Alzheimer's disease	237	0.6	246	0.6	249	0.6	266	0.6	308	0.7	321	0.7	263	0.6	300	0.6	2,190	0.6
All nervous system diseases	539	1.5	586	1.5	620	1.6	651	1.6	694	1.7	735	1.7	737	1.7	725	1.6	5,287	1.6
Diseases of the circulatory system																		
Ischaemic heart disease	4,845	13.1	4,820	12.6	4,879	12.4	4,849	12.0	4,934	11.8	5,166	11.9	4,976	11.1	4,854	10.5	39,323	11.9
Cerebrovascular disease/stroke	1,944	5.2	1,906	5.0	2,028	5.1	2,073	5.1	2,108	5.0	2,192	5.0	2,189	4.8	2,253	4.8	16,693	5.0
Diseases of the arteries	580	1.6	584	1.5	547	1.4	552	1.4	567	1.4	593	1.4	514	1.1	577	1.2	4,514	1.4
Rheumatic/valvular diseases	257	0.7	209	0.5	238	0.6	266	0.7	273	0.6	277	0.6	267	0.6	291	0.6	2,078	0.6
Cardiomyopathies	185	0.5	206	0.6	191	0.5	222	0.6	169	0.4	188	0.4	205	0.5	229	0.5	1,595	0.5
Congestive heart failure	547	1.5	582	1.5	648	1.6	623	1.5	641	1.5	635	1.4	646	1.4	731	1.5	5,053	1.5
Conduction dis. & cardiac dysrhythmia	364	1.0	399	1.0	440	1.1	429	1.1	471	1.1	509	1.2	498	1.1	504	1.1	3,614	1.1
Other circulatory system diseases	374	1.0	380	1.0	372	0.9	396	1.0	393	0.9	450	1.0	407	0.9	428	0.9	3,200	1.0
All circulatory system diseases	9,096	24.5	9,086	23.7	9,343	23.7	9,410	23.2	9,556	22.7	10,010	23.0	9,702	21.5	9,867	21.1	76,070	22.9
Respiratory Diseases																		
Pneumonia/ Influenza	987	2.6	1,098	2.8	1,174	3.0	1,083	2.6	1,142	2.7	1,201	2.7	1,274	2.8	1,382	2.9	9,341	2.8
Chronic pulmonary diseases	811	2.2	877	2.3	996	2.5	932	2.3	1,052	2.5	1,161	2.7	1,142	2.5	1,088	2.3	8,059	2.4
Asthma	64	0.2	78	0.2	67	0.2	78	0.2	86	0.2	80	0.2	67	0.2	76	0.2	596	0.2
Pulmonary fibrosis	58	0.2	78	0.2	57	0.1	73	0.2	78	0.2	86	0.2	103	0.2	99	0.2	632	0.2

All Other B.C. Residents	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	206	0.6	225	0.6	229	0.6	234	0.6	207	0.5	270	0.6	266	0.6	240	0.5	1,877	0.6
All respiratory diseases	2,126	5.7	2,356	6.1	2,523	6.4	2,400	5.9	2,565	6.1	2,798	6.4	2,852	6.3	2,885	6.2	20,505	6.1
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	266	0.8	243	0.7	280	0.7	242	0.6	243	0.6	273	0.7	216	0.5	256	0.6	2,019	0.6
Other liver diseases	51	0.1	63	0.2	70	0.2	78	0.2	58	0.1	59	0.1	70	0.2	63	0.1	512	0.2
Gastrointestinal ulcers	119	0.3	121	0.3	92	0.2	108	0.3	105	0.3	102	0.2	106	0.2	100	0.2	853	0.3
Upper gastrointestinal inflammation	14	0.0	19	0.1	11	0.0	16	0.0	9	0.0	14	0.0	13	0.0	11	0.0	107	0.0
Noninfective enteritis and colitis	107	0.3	103	0.3	124	0.3	112	0.3	123	0.3	112	0.3	135	0.3	126	0.3	942	0.3
Biliary tract diseases	44	0.1	44	0.1	37	0.1	47	0.1	48	0.1	52	0.1	36	0.1	48	0.1	356	0.1
Disease of the pancreas	31	0.1	29	0.1	33	0.1	30	0.1	33	0.1	32	0.1	34	0.1	40	0.1	262	0.1
Gastrointestinal hemorrhage	62	0.2	101	0.3	88	0.2	96	0.2	87	0.2	83	0.2	93	0.2	108	0.2	718	0.2
Other diseases of the digestive system	163	0.4	184	0.5	194	0.5	225	0.6	215	0.5	215	0.5	215	0.5	238	0.5	1,649	0.5
All diseases of the digestive system	857	2.3	907	2.4	929	2.4	954	2.4	921	2.2	942	2.2	918	2.1	990	2.2	7,418	2.3
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	277	0.7	244	0.6	264	0.7	239	0.6	226	0.5	277	0.6	272	0.6	328	0.7	2,127	0.6
All diseases of the genitourinary sys.	393	1.1	342	0.9	390	1.0	346	0.8	344	0.8	401	0.9	417	0.9	445	1.0	3,078	0.9
Congenital anomalies																		
Congenital anomalies - nervous system	17	0.1	7	0.0	16	0.0	14	0.0	10	0.0	14	0.0	12	0.0	11	0.0	101	0.0
Congenital anomalies - circulatory sys.	44	0.1	42	0.1	41	0.1	40	0.1	62	0.2	59	0.2	53	0.1	59	0.2	400	0.1
Congenital anomalies - urinary system	11	0.0	12	0.0	10	0.0	11	0.0	7	0.0	3	0.0	4	0.0	10	0.0	68	0.0
Other congenital anomalies	41	0.1	34	0.1	42	0.1	41	0.1	51	0.2	36	0.1	32	0.1	45	0.1	322	0.1
All congenital anomalies	113	0.4	95	0.3	109	0.3	106	0.3	130	0.4	112	0.3	101	0.3	125	0.4	891	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	23	0.1	19	0.1	7	0.0	18	0.1	16	0.1	15	0.0	9	0.0	10	0.0	117	0.0
Respiratory distress syndrome	11	0.0	13	0.0	13	0.0	15	0.0	16	0.1	10	0.0	7	0.0	5	0.0	90	0.0
Hypoxia & other respiratory conditions	18	0.1	28	0.1	24	0.1	31	0.1	14	0.0	12	0.0	18	0.1	17	0.1	162	0.1
Maternal complications of labour	17	0.1	10	0.0	11	0.0	14	0.0	22	0.1	9	0.0	12	0.0	9	0.0	104	0.0
Other causes of perinatal mortality	25	0.1	39	0.1	35	0.1	41	0.1	30	0.1	44	0.1	45	0.1	23	0.1	282	0.1
All causes of perinatal mortality	94	0.3	109	0.4	90	0.3	119	0.4	98	0.3	90	0.3	91	0.3	64	0.2	755	0.3
Sudden infant death syndrome	48	0.2	38	0.1	40	0.1	31	0.1	25	0.1	16	0.1	16	0.1	11	0.0	225	0.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	440	1.4	378	1.1	414	1.2	435	1.2	403	1.1	380	1.0	367	1.0	353	0.9	3,170	1.1
Other transportation accidents	43	0.1	35	0.1	28	0.1	31	0.1	40	0.1	31	0.1	45	0.1	28	0.1	281	0.1
Accidental drowning	85	0.3	82	0.2	71	0.2	74	0.2	66	0.2	64	0.2	57	0.1	44	0.1	543	0.2
Accidental poisoning	193	0.6	220	0.6	398	1.1	336	0.9	276	0.7	340	0.9	356	0.9	424	1.1	2,543	0.9
Accidental falls	305	0.8	311	0.8	298	0.8	310	0.8	316	0.8	368	0.8	360	0.8	358	0.8	2,626	0.8
Fire and flames	25	0.1	35	0.1	31	0.1	24	0.1	28	0.1	27	0.1	25	0.1	28	0.1	223	0.1
Suicide	416	1.2	426	1.2	405	1.2	452	1.2	472	1.3	490	1.3	501	1.3	440	1.1	3,602	1.2
Homicide	97	0.3	100	0.3	96	0.3	90	0.3	88	0.2	97	0.3	89	0.2	61	0.2	718	0.3
Other accidents and violence	223	0.6	185	0.5	207	0.6	203	0.5	229	0.6	230	0.6	253	0.6	243	0.6	1,773	0.6
All accidents and violence	1,827	5.4	1,772	5.1	1,948	5.5	1,955	5.4	1,918	5.1	2,027	5.2	2,053	5.1	1,979	4.8	15,479	5.2

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Status Indians in South Mainland	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	367	184.5	374	173.5	373	162.9	345	135.6	335	112.9	331	105.2	381	116.5	414	137.0	2,920	137.5
Infectious and Parasitic Diseases																		
Tuberculosis	2	1.7	1	0.2	1	0.4	-	-	1	0.7	-	-	-	-	1	0.2	6	0.3
Septicemia	1	0.9	2	1.0	1	0.8	2	0.3	-	-	1	0.2	4	1.0	2	0.7	13	0.6
AIDS/HIV infections	3	1.3	7	1.4	4	0.8	6	1.0	15	2.6	12	2.0	11	1.8	17	2.9	75	1.8
Viral hepatitis	-	-	-	-	1	0.2	1	0.3	-	-	3	0.7	4	1.3	1	0.4	10	0.4
Other infectious and parasitic diseases	4	2.2	-	-	1	0.2	2	0.3	4	0.8	2	0.7	1	0.1	-	-	14	0.5
All infectious and parasitic diseases	10	6.2	10	2.6	8	2.4	11	1.9	20	4.1	18	3.6	20	4.2	21	4.2	118	3.7
Cancers																		
Gastrointestinal cancers	20	14.2	17	12.0	8	4.5	10	5.4	16	7.4	15	6.3	16	7.3	19	8.3	121	7.9
Respiratory system cancers	9	4.3	14	7.8	21	12.3	6	2.7	5	1.8	7	3.5	10	4.0	20	8.1	92	5.4
Female breast cancer	1	0.9	3	1.8	3	1.8	5	2.5	9	3.1	1	0.2	6	1.6	5	1.7	33	1.7
Female reproductive system cancers	2	1.7	1	0.5	3	1.6	5	1.8	6	2.2	6	1.5	2	0.9	3	0.4	28	1.3
Prostate cancer	6	0.0	4	0.0	3	0.0	2	0.0	2	0.0	2	0.0	2	0.0	3	-	24	0.0
Bladder, kidney and urinary tract	1	0.9	2	1.6	-	-	-	-	1	0.4	2	0.9	1	0.5	2	1.1	9	0.7
Blood & lymph system cancers	1	0.5	4	0.3	2	0.9	3	0.0	3	0.5	5	2.3	8	3.5	4	1.2	30	1.3
Skin, bone & connective tissue cancers	2	0.4	1	0.0	2	2.1	2	0.4	1	1.5	1	0.0	1	0.3	2	-	12	0.6
Brain cancers	2	1.7	2	0.4	2	0.5	-	-	1	0.2	-	-	3	1.2	-	-	10	0.5
Other cancers	8	6.8	1	0.3	6	4.6	5	2.3	4	1.6	3	1.0	7	1.9	8	2.8	42	2.5
All cancers	52	36.1	49	28.8	50	29.5	38	17.5	48	19.7	42	17.6	56	21.8	66	26.2	401	24.0
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	12	8.2	4	2.6	7	4.6	5	2.5	7	3.1	6	2.4	5	1.8	10	4.4	56	3.5
Obesity	2	1.1	1	0.5	-	-	2	0.9	-	-	1	0.2	-	-	-	-	6	0.3
Nutritional deficiencies	-	-	-	-	-	-	1	0.8	1	0.2	-	-	-	-	-	-	2	0.1
Fluid and electrolyte imbalances	1	0.9	1	0.2	1	0.2	-	-	1	0.2	-	-	1	0.6	-	-	5	0.2
Other endocrine/nutritional/metabolic	-	-	-	-	2	0.3	-	-	1	0.6	2	0.6	-	-	2	0.2	7	0.2
All endocrine/nutritional/metabolic dis.	15	10.2	6	3.3	10	5.0	8	4.1	10	4.1	9	3.2	6	2.4	12	4.6	76	4.4
Diseases of the nervous system and sense organs																		
Alzheimer's disease	2	1.3	1	0.9	3	2.3	1	0.8	2	1.4	1	0.6	-	-	-	-	10	0.8
All nervous system diseases	5	2.7	7	3.8	11	4.9	6	2.1	8	3.7	5	1.7	9	3.0	5	1.4	56	2.8
Diseases of the circulatory system																		
Ischaemic heart disease	34	24.2	46	33.8	40	27.4	54	31.9	36	16.9	31	14.6	37	15.5	49	22.4	327	22.5
Cerebrovascular disease/stroke	17	11.1	18	12.4	17	10.3	17	10.9	14	7.5	12	6.2	16	7.2	19	9.6	130	9.2
Diseases of the arteries	4	2.8	6	4.1	4	2.4	6	3.0	3	1.2	1	0.3	5	2.5	5	2.0	34	2.2
Rheumatic/valvular diseases	-	-	1	0.9	5	3.4	1	0.7	3	2.0	1	0.6	2	0.3	4	1.6	17	1.2
Cardiomyopathies	5	3.4	4	1.0	4	1.7	2	1.2	6	2.2	8	2.9	5	1.2	9	2.5	43	2.0
Congestive heart failure	8	7.3	1	0.9	9	6.6	5	3.5	3	2.0	5	2.1	7	3.8	6	3.3	44	3.6
Conduction dis. & cardiac dysrhythmia	4	3.1	1	0.9	3	1.6	3	2.2	4	2.1	3	1.7	5	1.3	8	3.3	31	2.0
Other circulatory system diseases	4	1.6	6	5.0	3	1.2	4	1.7	-	-	4	2.2	3	0.7	6	1.9	30	1.7
All circulatory system diseases	76	53.5	83	58.9	85	54.8	92	55.1	69	33.9	65	30.5	80	32.4	106	46.5	656	44.3
Respiratory Diseases																		
Pneumonia/ influenza	22	13.9	16	9.9	17	11.9	10	5.4	9	4.8	10	3.7	11	4.8	22	8.4	117	7.4
Chronic pulmonary diseases	6	5.2	14	10.6	5	3.6	8	5.0	3	1.8	3	1.5	10	4.8	10	5.2	59	4.5
Asthma	1	0.9	1	0.8	2	1.4	-	-	1	0.7	2	0.5	3	1.1	1	0.2	11	0.7
Pulmonary fibrosis	3	1.6	4	1.8	2	1.2	-	-	1	0.6	2	1.3	2	0.4	2	0.7	16	0.9

All Status Indians in South Mainland	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	3	2.0	3	1.7	5	2.9	1	0.2	4	0.9	4	1.0	3	1.0	3	0.7	26	1.2
All respiratory diseases	35	23.6	38	24.7	31	21.1	19	10.5	18	8.8	21	7.9	29	12.1	38	15.2	229	14.7
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	13	5.3	18	7.8	20	6.1	12	4.3	14	4.1	16	5.3	18	4.7	12	2.7	123	4.9
Other liver diseases	4	1.4	2	0.7	1	0.3	-	-	1	0.5	2	0.5	2	0.8	3	0.7	15	0.6
Gastrointestinal ulcers	1	0.9	2	0.5	-	-	5	2.3	2	0.9	2	0.8	4	1.6	1	0.5	17	1.0
Upper gastrointestinal inflammation	1	0.4	4	1.6	-	-	-	-	-	-	-	-	2	0.4	-	-	7	0.3
Noninfective enteritis and colitis	2	1.3	3	1.8	2	0.9	-	-	-	-	1	0.2	2	0.4	1	0.5	11	0.6
Biliary tract diseases	1	0.3	1	0.3	-	-	2	1.0	-	-	-	-	-	-	-	-	4	0.2
Disease of the pancreas	2	0.5	1	0.9	-	-	-	-	2	0.9	-	-	-	-	-	-	5	0.3
Gastrointestinal hemorrhage	-	-	2	1.8	1	0.8	-	-	1	0.7	1	0.2	1	0.3	3	1.3	9	0.6
Other diseases of the digestive system	2	1.8	4	1.1	2	1.6	5	2.8	4	1.6	2	0.6	3	1.0	2	1.0	24	1.4
All diseases of the digestive system	26	12.0	37	16.5	26	9.7	24	10.4	24	8.6	24	7.6	32	9.3	22	6.7	215	9.7
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	4	2.7	1	0.9	3	2.1	3	2.3	4	1.2	6	2.7	4	1.9	7	3.3	32	2.2
All diseases of the genitourinary sys.	5	3.0	1	0.9	4	2.4	4	3.0	5	1.9	8	3.9	5	2.1	8	3.7	40	2.7
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	-	-	-	-	-	-	2	0.2	-	-	-	-	2	0.0
Congenital anomalies - circulatory sys.	1	0.3	2	0.3	1	0.1	-	-	-	-	2	0.3	-	-	2	0.2	8	0.1
Congenital anomalies - urinary system	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1	2	0.0
Other congenital anomalies	-	-	2	0.2	1	0.1	2	0.2	2	0.2	-	-	-	-	1	0.1	8	0.1
All congenital anomalies	2	.0.4	4	0.5	2	0.2	2	0.2	2	0.2	4	0.5	-	-	4	0.5	20	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	-	-	-	-	-	-	-	-	-	-	2	0.2	1	0.1	-	-	3	0.0
Respiratory distress syndrome	-	-	-	-	-	-	-	-	2	0.2	-	-	-	-	1	0.1	3	0.0
Hypoxia & other respiratory conditions	4	0.4	-	-	-	-	1	0.1	-	-	2	0.2	1	0.1	-	-	8	0.1
Maternal complications of labour	-	-	-	-	1	0.1	1	0.1	-	-	-	-	2	0.2	-	-	4	0.1
Other causes of perinatal mortality	-	-	3	0.3	1	0.1	1	0.1	1	0.1	-	-	1	0.1	-	-	7	0.1
All causes of perinatal mortality	4	0.4	3	0.3	2	0.2	3	0.3	3	0.3	4	0.4	5	0.5	1	0.1	25	0.3
Sudden infant death syndrome	11	1.2	9	0.9	1	0.1	6	0.6	8	0.8	4	0.4	3	0.3	1	0.1	43	0.6
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	28	6.6	25	5.9	16	2.8	32	6.6	28	5.4	22	4.3	19	3.2	15	3.2	185	4.7
Other transportation accidents	3	0.7	2	0.4	3	0.5	1	0.2	1	0.1	2	0.3	3	0.5	3	0.6	18	0.4
Accidental drowning	5	0.8	8	1.8	6	1.2	3	0.5	1	0.2	2	0.6	3	0.5	8	1.6	36	0.9
Accidental poisoning	19	5.5	23	5.2	50	10.0	38	7.0	18	3.7	29	4.8	29	4.6	39	6.3	245	5.8
Accidental falls	5	3.9	2	0.4	6	3.3	1	0.7	11	3.8	11	2.6	13	4.2	5	1.3	54	2.5
Fire and flames	3	0.6	2	0.6	5	0.8	2	0.3	3	1.2	1	0.6	3	0.4	2	0.7	21	0.7
Suicide	18	3.2	25	5.6	22	3.8	15	2.4	12	2.1	15	2.7	18	3.3	10	1.7	135	3.1
Homicide	14	2.9	4	0.7	6	1.8	7	1.1	11	1.9	5	0.8	11	2.1	2	0.3	60	1.4
Other accidents and violence	12	4.0	12	3.1	9	1.7	6	1.9	16	4.0	6	1.5	13	2.8	6	1.7	80	2.5
All accidents and violence	107	28.2	103	23.7	123	26.0	105	20.8	101	22.4	93	18.2	112	21.6	90	17.4	834	22.1

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Others in South Mainland	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	16,768	62.9	17,275	62.7	18,035	63.8	18,285	62.7	18,583	61.5	19,396	62.2	19,194	59.5	19,681	59.2	147,217	61.7
Infectious and Parasitic Diseases																		
Tuberculosis	13	0.0	12	0.0	15	0.1	12	0.0	15	0.0	14	0.0	13	0.0	6	-	100	0.0
Septicemia	60	0.2	84	0.3	85	0.3	93	0.3	79	0.3	82	0.3	82	0.2	106	0.3	671	0.3
AIDS/HIV infections	150	0.6	206	0.8	263	1.0	274	1.0	239	0.8	201	0.7	84	0.3	76	0.2	1,493	0.7
Viral hepatitis	15	0.1	17	0.1	26	0.1	22	0.1	38	0.1	30	0.1	32	0.1	45	0.1	225	0.1
Other infectious and parasitic diseases	51	0.2	38	0.1	39	0.1	53	0.2	34	0.1	55	0.2	52	0.2	62	0.2	384	0.2
All infectious and parasitic diseases	289	1.1	357	1.4	428	1.6	454	1.6	405	1.4	382	1.3	263	0.8	295	0.9	2,873	1.3
Cancers																		
Gastrointestinal cancers	1,273	4.8	1,320	4.8	1,354	4.8	1,408	4.8	1,429	4.8	1,466	4.7	1,416	4.5	1,464	4.5	11,130	4.7
Respiratory system cancers	1,278	4.8	1,299	4.8	1,311	4.7	1,326	4.6	1,295	4.3	1,416	4.6	1,444	4.6	1,477	4.6	10,846	4.6
Female breast cancer	359	1.4	399	1.5	368	1.3	382	1.3	389	1.3	414	1.3	412	1.3	413	1.3	3,136	1.3
Female reproductive system cancers	196	0.7	190	0.7	206	0.7	220	0.8	217	0.7	224	0.7	225	0.7	231	0.7	1,709	0.7
Prostate cancer	315	0.0	312	0.0	327	0.0	321	0.0	345	0.0	361	0.0	329	0.0	310	-	2,620	0.0
Bladder, kidney and urinary tract	197	0.7	182	0.7	229	0.8	214	0.7	200	0.7	227	0.7	250	0.8	232	0.7	1,731	0.7
Blood & lymph system cancers	375	1.2	362	1.1	425	1.4	386	1.1	464	1.2	474	1.1	472	1.2	511	1.1	3,469	1.2
Skin, bone & connective tissue cancers	101	0.5	88	0.5	99	0.5	103	0.5	124	0.5	105	0.4	124	0.5	140	0.6	884	0.5
Brain cancers	106	0.4	121	0.5	128	0.5	138	0.5	133	0.5	119	0.4	138	0.5	133	0.4	1,016	0.4
Other cancers	283	1.1	279	1.0	297	1.1	334	1.1	357	1.2	358	1.2	358	1.1	387	1.2	2,653	1.1
All cancers	4,483	16.9	4,552	16.6	4,744	16.9	4,832	16.7	4,953	16.5	5,164	16.7	5,168	16.3	5,298	16.2	39,194	16.6
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	334	1.2	289	1.0	347	1.2	384	1.3	436	1.4	396	1.3	422	1.3	449	1.3	3,057	1.3
Obesity	12	0.0	8	0.0	11	0.0	13	0.0	6	0.0	17	0.1	16	0.0	13	-	96	0.0
Nutritional deficiencies	19	0.1	25	0.1	30	0.1	27	0.1	20	0.1	19	0.1	28	0.1	22	0.1	190	0.1
Fluid and electrolyte imbalances	35	0.1	57	0.2	43	0.1	33	0.1	27	0.1	40	0.1	50	0.1	50	0.1	335	0.1
Other endocrine/nutritional/metabolic	45	0.2	56	0.2	52	0.2	63	0.2	78	0.3	59	0.2	73	0.2	69	0.2	495	0.2
All endocrine/nutritional/metabolic dis.	445	1.7	435	1.6	483	1.7	520	1.8	567	1.9	531	1.7	589	1.8	603	1.8	4,173	1.7
Diseases of the nervous system and sense organs																		
Alzheimer's disease	177	0.6	172	0.6	181	0.6	188	0.6	209	0.7	230	0.7	178	0.5	224	0.6	1,559	0.6
All nervous system diseases	401	1.5	417	1.5	444	1.6	462	1.6	478	1.6	510	1.6	499	1.5	530	1.6	3,741	1.6
Diseases of the circulatory system																		
Ischaemic heart disease	3,625	13.4	3,619	12.9	3,648	12.7	3,664	12.3	3,679	12.0	3,756	11.9	3,730	11.3	3,591	10.6	29,312	12.1
Cerebrovascular disease/stroke	1,440	5.3	1,427	5.1	1,493	5.1	1,511	5.0	1,536	5.0	1,613	5.0	1,610	4.8	1,655	4.8	12,285	5.0
Diseases of the arteries	418	1.5	413	1.5	393	1.4	386	1.3	408	1.3	418	1.3	363	1.1	399	1.2	3,195	1.3
Rheumatic/valvular diseases	182	0.7	140	0.5	159	0.6	186	0.6	202	0.6	194	0.6	183	0.5	210	0.6	1,456	0.6
Cardiomyopathies	129	0.5	151	0.6	136	0.5	169	0.6	126	0.4	137	0.4	149	0.5	171	0.5	1,168	0.5
Congestive heart failure	381	1.4	397	1.4	456	1.6	437	1.4	438	1.4	443	1.4	436	1.3	509	1.5	3,497	1.4
Conduction dis. & cardiac dysrhythmia	252	0.9	286	1.0	305	1.1	303	1.0	330	1.1	359	1.1	349	1.1	337	1.0	2,521	1.0
Other circulatory system diseases	257	1.0	269	1.0	270	0.9	285	1.0	276	0.9	325	1.0	276	0.8	316	0.9	2,274	0.9
All circulatory system diseases	6,684	24.6	6,699	23.9	6,860	23.8	6,941	23.3	6,995	22.7	7,245	22.8	7,096	21.5	7,188	21.0	55,708	22.9
Respiratory Diseases																		
Pneumonia/ influenza	685	2.5	814	2.9	866	3.0	823	2.7	877	2.8	922	2.9	980	2.9	1,050	3.0	7,017	2.8
Chronic pulmonary diseases	570	2.1	633	2.2	705	2.4	662	2.2	742	2.4	811	2.5	816	2.5	784	2.3	5,723	2.3
Asthma	49	0.2	63	0.2	46	0.2	56	0.2	54	0.2	58	0.2	45	0.1	56	0.2	427	0.2
Pulmonary fibrosis	46	0.2	45	0.2	38	0.1	50	0.2	53	0.2	67	0.2	70	0.2	66	0.2	435	0.2

All Others in South Mainland	Detailed Mortality Tables, British Columbia, 1991-1998															
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	165	0.6	181	0.6	174	0.6	172	0.6	159	0.5	206	0.7	197	0.6	184	0.5	1,438	0.6
All respiratory diseases	1,515	5.5	1,736	6.1	1,829	6.3	1,763	5.9	1,885	6.1	2,064	6.4	2,108	6.3	2,140	6.2	15,040	6.1
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	202	0.8	178	0.7	211	0.8	185	0.6	179	0.6	215	0.7	176	0.6	193	0.6	1,539	0.7
Other liver diseases	33	0.1	48	0.2	53	0.2	54	0.2	39	0.1	46	0.1	52	0.2	50	0.2	375	0.2
Gastrointestinal ulcers	83	0.3	87	0.3	74	0.3	82	0.3	75	0.2	81	0.3	76	0.2	76	0.2	634	0.3
Upper gastrointestinal inflammation	7	0.0	14	0.0	8	0.0	13	0.0	6	0.0	11	0.0	10	0.0	10	-	79	0.0
Noninfective enteritis and colitis	75	0.3	78	0.3	86	0.3	87	0.3	98	0.3	80	0.3	98	0.3	89	0.3	691	0.3
Biliary tract diseases	30	0.1	36	0.1	32	0.1	38	0.1	36	0.1	37	0.1	25	0.1	39	0.1	273	0.1
Disease of the pancreas	25	0.1	17	0.1	27	0.1	23	0.1	27	0.1	23	0.1	26	0.1	23	0.1	191	0.1
Gastrointestinal hemorrhage	36	0.1	73	0.3	62	0.2	66	0.2	66	0.2	63	0.2	65	0.2	77	0.2	508	0.2
Other diseases of the digestive system	125	0.5	149	0.5	142	0.5	165	0.6	161	0.5	166	0.5	169	0.5	176	0.5	1,253	0.5
All diseases of the digestive system	616	2.3	680	2.5	695	2.5	713	2.4	687	2.3	722	2.3	697	2.2	733	2.2	5,543	2.3
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	205	0.8	166	0.6	205	0.7	181	0.6	158	0.5	206	0.6	203	0.6	241	0.7	1,565	0.6
All diseases of the genitourinary sys.	291	1.1	239	0.8	303	1.0	260	0.9	248	0.8	306	1.0	316	0.9	334	1.0	2,297	0.9
Congenital anomalies																		
Congenital anomalies - nervous system	14	0.1	6	0.0	10	0.0	10	0.0	7	0.0	11	0.0	8	0.0	10	-	76	0.0
Congenital anomalies - circulatory sys.	34	0.2	31	0.1	28	0.1	29	0.1	52	0.2	49	0.2	38	0.1	47	0.2	308	0.2
Congenital anomalies - urinary system	4	0.0	8	0.0	8	0.0	8	0.0	4	0.0	1	0.0	4	0.0	8	-	45	0.0
Other congenital anomalies	25	0.1	22	0.1	31	0.1	37	0.2	41	0.2	29	0.1	26	0.1	29	0.1	240	0.1
All congenital anomalies	77	0.3	67	0.3	77	0.3	84	0.4	104	0.4	90	0.4	76	0.3	94	0.4	669	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	15	0.1	13	0.1	3	0.0	16	0.1	9	0.0	11	0.0	7	0.0	8	-	82	0.0
Respiratory distress syndrome	7	0.0	10	0.0	11	0.0	12	0.1	11	0.0	8	0.0	6	0.0	4	-	69	0.0
Hypoxia & other respiratory conditions	16	0.1	17	0.1	20	0.1	22	0.1	11	0.0	8	0.0	14	0.1	10	-	118	0.1
Maternal complications of labour	14	0.1	9	0.0	5	0.0	12	0.1	17	0.1	6	0.0	11	0.0	9	-	83	0.0
Other causes of perinatal mortality	17	0.1	30	0.1	28	0.1	33	0.1	27	0.1	30	0.1	34	0.1	17	0.1	216	0.1
All causes of perinatal mortality	69	0.3	79	0.4	67	0.3	95	0.4	75	0.3	63	0.3	72	0.3	48	0.2	568	0.3
Sudden infant death syndrome	36	0.2	27	0.1	26	0.1	20	0.1	17	0.1	8	0.0	10	0.0	9	-	153	0.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	306	1.3	265	1.1	302	1.2	305	1.2	247	0.9	251	0.9	253	0.9	266	0.9	2,195	1.0
Other transportation accidents	22	0.1	15	0.1	18	0.1	17	0.1	23	0.1	24	0.1	29	0.1	17	0.1	165	0.1
Accidental drowning	52	0.2	52	0.2	44	0.2	46	0.2	39	0.1	36	0.1	39	0.1	23	0.1	331	0.2
Accidental poisoning	156	0.6	179	0.7	301	1.2	269	1.0	232	0.8	265	0.9	274	0.9	330	1.1	2,006	0.9
Accidental falls	203	0.8	215	0.8	200	0.7	205	0.7	204	0.7	276	0.9	259	0.8	250	0.7	1,812	0.7
Fire and flames	14	0.1	19	0.1	17	0.1	17	0.1	20	0.1	16	0.1	20	0.1	18	0.1	141	0.1
Suicide	313	1.3	320	1.3	290	1.1	317	1.2	346	1.3	356	1.2	357	1.2	318	1.1	2,617	1.2
Homicide	75	0.3	80	0.3	73	0.3	67	0.3	71	0.3	71	0.3	62	0.2	42	0.1	541	0.3
Other accidents and violence	147	0.6	137	0.5	138	0.5	130	0.5	149	0.5	163	0.6	167	0.5	177	0.6	1,208	0.5
All accidents and violence	1,288	5.2	1,282	5.0	1,383	5.3	1,373	5.1	1,331	4.8	1,458	5.0	1,460	4.9	1,441	4.7	11,016	5.0

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Status Indians in Vancouver Island	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	125	129.5	179	175.0	169	162.7	131	105.4	136	91.0	140	90.6	154	107.4	144	96.3	1,178	116.9
Infectious and Parasitic Diseases																		
Tuberculosis	-	-	-	-	1	1.6	-	-	-	-	-	-	1	1.2	-	-	2	0.4
Septicemia	-	-	1	1.6	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
AIDS/HIV infections	1	0.6	4	2.0	2	1.8	7	2.9	4	1.8	3	1.1	3	1.1	-	-	24	1.3
Viral hepatitis	1	1.8	-	-	-	-	-	-	-	-	1	0.4	1	0.8	1	0.3	4	0.4
Other infectious and parasitic diseases	-	-	-	-	1	1.6	-	-	-	-	1	0.2	-	-	-	-	2	0.2
All infectious and parasitic diseases	2	2.4	5	3.7	4	5.0	7	2.9	4	1.8	5	1.7	5	3.0	1	0.3	33	2.5
Cancers																		
Gastrointestinal cancers	9	11.7	5	6.5	5	7.2	6	5.0	5	4.6	8	7.5	11	9.5	9	8.6	58	7.5
Respiratory system cancers	1	1.7	4	6.2	4	4.3	5	4.1	4	3.3	2	2.1	4	3.9	3	2.5	27	3.5
Female breast cancer	1	1.7	3	4.7	2	2.2	1	1.5	-	-	-	-	4	2.6	2	1.8	13	1.7
Female reproductive system cancers	1	1.8	-	-	3	3.1	-	-	-	-	-	-	2	1.6	-	-	6	0.7
Prostate cancer	1	0.0	2	0.0	-	-	1	0.0	-	-	-	-	-	-	2	-	6	0.0
Bladder, kidney and urinary tract	1	1.7	-	-	1	0.7	-	-	2	1.9	1	0.7	1	0.8	-	-	6	0.7
Blood & lymph system cancers	1	0.0	3	0.0	1	0.0	3	0.0	1	0.0	2	1.3	1	2.0	1	-	13	0.5
Skin, bone & connective tissue cancers	-	-	-	-	2	4.6	-	-	-	-	-	-	-	-	1	-	3	0.5
Brain cancers	1	1.2	1	0.3	1	0.3	-	-	-	-	-	-	-	-	1	0.4	4	0.2
Other cancers	1	0.9	4	4.6	-	-	-	-	2	1.7	2	1.6	3	2.5	2	1.6	14	1.6
All cancers	17	24.4	22	26.8	19	20.7	16	14.4	14	12.7	15	13.9	26	21.9	21	18.0	150	18.7
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	2	2.9	3	3.7	3	3.8	1	1.5	1	1.4	2	1.9	5	5.2	3	2.5	20	2.9
Obesity	-	-	-	-	-	-	-	-	-	-	1	0.5	2	1.2	-	-	3	0.2
Nutritional deficiencies	-	-	1	1.6	-	-	-	-	1	1.4	-	-	-	-	-	-	2	0.4
Fluid and electrolyte imbalances	-	-	-	-	1	1.6	-	-	-	-	-	-	-	-	-	-	1	0.2
Other endocrine/nutritional/metabolic	-	-	-	-	1	1.0	1	0.4	2	1.1	3	2.0	-	-	1	1.2	8	0.7
All endocrine/nutritional/metabolic dis.	2	2.9	4	5.3	5	6.4	2	1.9	4	3.8	6	4.4	7	6.5	4	3.6	34	4.4
Diseases of the nervous system and sense organs																		
Alzheimer's disease	-	-	1	1.6	1	1.6	-	-	-	-	-	-	1	1.2	-	-	3	0.5
All nervous system diseases	2	0.6	5	5.5	4	2.7	2	1.3	2	2.8	2	1.5	6	4.6	1	0.3	24	2.4
Diseases of the circulatory system																		
Ischaemic heart disease	16	23.4	19	26.5	21	27.7	16	21.8	12	15.3	17	16.0	18	17.4	8	7.9	127	18.8
Cerebrovascular disease/stroke	10	15.6	12	13.0	13	16.5	5	5.7	7	6.4	4	3.4	7	6.4	13	9.8	71	9.2
Diseases of the arteries	2	2.9	1	1.6	3	4.6	3	2.8	2	0.6	3	1.9	-	-	-	-	14	1.7
Rheumatic/valvular diseases	3	3.8	-	-	3	4.7	-	-	1	0.7	2	1.0	3	2.1	2	1.8	14	1.7
Cardiomyopathies	-	-	4	4.2	3	2.7	1	0.6	2	1.8	-	-	-	-	4	3.9	14	1.6
Congestive heart failure	3	5.0	3	4.9	4	6.0	3	3.3	-	-	5	5.4	3	2.5	1	1.2	22	3.4
Conduction dis. & cardiac dysrhythmia	3	3.7	3	4.9	1	1.6	2	1.0	1	1.4	4	2.9	3	2.8	2	2.4	19	2.6
Other circulatory system diseases	1	1.5	4	4.3	1	1.6	2	1.8	-	-	3	2.9	-	-	2	1.5	13	1.7
All circulatory system diseases	38	55.9	46	59.6	49	65.4	32	37.2	25	26.1	38	33.5	34	31.3	32	28.4	294	40.6
Respiratory Diseases																		
Pneumonia/ influenza	3	2.7	13	13.7	6	4.1	7	8.3	5	2.5	1	0.8	5	5.1	3	2.7	43	4.8
Chronic pulmonary diseases	1	1.7	3	3.9	6	9.2	1	1.5	3	4.2	2	2.0	2	2.4	4	4.0	22	3.6
Asthma	-	-	2	1.8	-	-	-	-	2	1.8	-	-	-	-	1	0.3	5	0.5
Pulmonary fibrosis	-	-	-	-	-	-	1	1.5	-	-	-	-	-	-	1	1.2	2	0.4

All Status Indians in Vancouver Island	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	1	1.7	1	1.6	3	4.8	2	1.7	1	0.4	2	0.9	-	-	2	1.9	12	1.6
All respiratory diseases	5	6.2	19	21.0	15	18.1	11	12.9	11	8.8	5	3.7	7	7.6	11	10.2	84	10.8
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	2	0.9	6	5.6	3	2.7	4	2.7	4	2.3	4	2.6	1	0.4	6	2.4	30	2.4
Other liver diseases	1	1.8	-	-	1	0.5	-	-	-	-	1	0.3	-	-	1	0.4	4	0.3
Gastrointestinal ulcers	2	3.5	1	0.4	-	-	1	1.4	1	1.4	-	-	3	2.2	-	-	8	1.1
Upper gastrointestinal inflammation	1	0.7	1	0.5	-	-	1	0.9	-	-	-	-	-	-	-	-	3	0.2
Noninfective enteritis and colitis	1	0.7	1	1.6	-	-	-	-	1	0.9	1	1.3	-	-	1	1.2	5	0.7
Biliary tract diseases	-	-	-	-	1	1.5	-	-	-	-	-	-	-	-	-	-	1	0.2
Disease of the pancreas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.8	1	0.1
Gastrointestinal hemorrhage	-	-	1	1.6	1	1.6	1	1.5	-	-	-	-	-	-	1	0.8	4	0.6
Other diseases of the digestive system	-	-	1	1.7	2	2.8	2	2.2	-	-	-	-	3	2.9	2	2.4	10	1.5
All diseases of the digestive system	7	7.6	11	11.5	8	9.1	9	8.8	6	4.6	6	4.3	7	5.5	12	7.9	66	7.2
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	-	-	3	4.9	2	1.8	1	1.5	3	4.2	1	1.3	4	3.9	-	-	14	2.2
All diseases of the genitourinary sys.	-	-	4	6.6	4	3.9	1	1.5	3	4.2	2	2.7	4	3.9	1	0.4	19	2.8
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	-	-	1	0.2	-	-	1	0.2	-	-	-	-	2	0.1
Congenital anomalies - circulatory sys.	1	0.3	1	0.2	1	1.6	1	0.2	-	-	-	-	-	-	2	0.5	6	0.3
Congenital anomalies - urinary system	-	-	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Other congenital anomalies	-	-	-	-	-	-	1	0.2	-	-	1	0.2	-	-	-	-	2	0.1
All congenital anomalies	1	0.3	2	0.4	1	1.6	3	0.7	-	-	2	0.4	-	-	2	0.5	11	0.5
Causes of perinatal mortality																		
Immaturity, short gestation	-	-	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	1	0.0
Respiratory distress syndrome	-	-	2	0.4	1	0.2	2	0.4	-	-	-	-	-	-	-	-	5	0.1
Hypoxia & other respiratory conditions	-	-	1	0.2	1	0.2	-	-	2	0.4	1	0.2	-	-	-	-	5	0.1
Maternal complications of labour	1	0.2	-	-	1	0.2	-	-	1	0.2	-	-	-	-	-	-	3	0.1
Other causes of perinatal mortality	-	-	-	-	-	-	2	0.4	-	-	2	0.4	2	0.5	-	-	6	0.2
All causes of perinatal mortality	1	0.2	3	0.7	3	0.6	5	1.1	3	0.6	3	0.6	2	0.5	-	-	20	0.5
Sudden infant death syndrome	4	0.8	8	1.7	8	1.7	2	0.4	9	1.9	5	1.0	2	0.5	2	0.4	40	1.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	2	0.9	8	3.1	9	3.2	7	5.5	9	2.7	11	3.8	6	1.7	8	3.0	60	3.0
Other transportation accidents	-	-	1	0.5	-	-	1	1.3	-	-	-	-	3	1.0	1	0.3	6	0.4
Accidental drowning	5	2.7	2	0.7	3	2.1	1	0.5	1	0.4	1	0.3	3	1.3	1	0.3	17	1.0
Accidental poisoning	3	1.1	5	3.4	8	3.8	8	3.3	5	2.4	7	2.5	6	2.2	9	3.1	51	2.6
Accidental falls	3	3.2	1	1.6	2	0.6	4	2.5	2	2.0	3	2.2	3	2.4	1	0.9	19	1.9
Fire and flames	5	3.2	1	1.6	-	-	2	0.8	2	1.0	2	1.7	2	0.7	4	1.7	18	1.3
Suicide	12	5.6	9	3.5	10	3.4	7	2.5	18	6.1	14	4.4	14	4.8	12	3.8	96	4.3
Homicide	5	1.6	1	0.3	4	2.2	1	0.3	3	1.0	1	0.3	4	1.3	2	0.7	21	1.0
Other accidents and violence	1	0.9	5	3.6	5	2.4	5	2.3	6	2.2	3	1.1	1	0.6	1	1.2	27	1.7
All accidents and violence	36	19.3	33	18.4	41	17.7	36	18.8	46	17.7	42	16.2	42	15.9	39	15.0	315	17.2

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Others in Vancouver Island	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	5,013	62.2	5,179	62.9	5,505	64.9	5,540	63.6	5,582	61.6	5,833	62.3	5,909	60.8	5,846	58.5	44,407	62.1
Infectious and Parasitic Diseases																		
Tuberculosis	1	0.0	-	-	2	0.0	-	-	2	0.0	5	0.0	2	0.0	2	-	14	0.0
Septicemia	17	0.2	17	0.2	14	0.2	16	0.2	11	0.1	20	0.2	20	0.2	26	0.3	141	0.2
AIDS/HIV infections	20	0.3	33	0.6	27	0.4	38	0.6	29	0.4	25	0.4	12	0.2	13	0.2	197	0.4
Viral hepatitis	5	0.1	2	0.0	2	0.0	6	0.1	8	0.1	10	0.1	12	0.1	17	0.2	62	0.1
Other infectious and parasitic diseases	9	0.1	20	0.3	18	0.2	16	0.2	10	0.1	16	0.2	11	0.1	20	0.2	120	0.2
All infectious and parasitic diseases	52	0.7	72	1.0	63	0.9	76	1.0	60	0.8	76	1.0	57	0.6	78	0.9	534	0.9
Cancers																		
Gastrointestinal cancers	393	4.9	353	4.2	420	5.0	472	5.4	411	4.6	419	4.5	470	4.9	423	4.3	3,361	4.7
Respiratory system cancers	414	5.2	434	5.3	451	5.3	414	4.8	407	4.6	451	5.0	455	4.9	453	4.7	3,479	5.0
Female breast cancer	113	1.5	118	1.5	110	1.3	143	1.7	116	1.4	143	1.6	133	1.4	136	1.5	1,012	1.5
Female reproductive system cancers	64	0.8	57	0.7	76	0.9	64	0.8	84	0.9	67	0.7	97	1.1	70	0.7	579	0.8
Prostate cancer	118	0.0	106	0.0	132	0.0	123	0.0	107	0.0	100	0.0	116	0.0	108	-	910	0.0
Bladder, kidney and urinary tract	57	0.7	68	0.8	74	0.8	79	0.9	69	0.7	79	0.9	102	1.0	74	0.7	602	0.8
Blood & lymph system cancers	120	1.2	127	1.5	131	1.2	151	1.4	148	1.3	128	1.2	156	1.3	161	1.3	1,120	1.3
Skin, bone & connective tissue cancers	35	0.5	37	0.6	36	0.5	28	0.5	42	0.6	29	0.5	38	0.5	45	0.7	290	0.6
Brain cancers	27	0.4	33	0.4	34	0.4	40	0.5	36	0.4	45	0.6	41	0.5	33	0.4	289	0.5
Other cancers	86	1.1	87	1.0	105	1.2	108	1.2	117	1.3	103	1.1	117	1.2	117	1.2	840	1.2
All cancers	1,427	17.9	1,420	17.4	1,569	18.6	1,622	18.9	1,537	17.2	1,562	17.1	1,725	18.2	1,620	16.8	12,482	17.8
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	80	1.0	84	1.0	105	1.2	110	1.2	125	1.3	113	1.2	102	1.0	115	1.1	834	1.1
Obesity	5	0.1	3	0.0	2	0.0	3	0.0	3	0.0	3	0.0	6	0.1	-	-	25	0.0
Nutritional deficiencies	9	0.1	13	0.1	7	0.1	4	0.0	8	0.1	11	0.1	11	0.1	8	0.1	71	0.1
Fluid and electrolyte imbalances	11	0.1	10	0.1	19	0.2	8	0.1	8	0.1	6	0.1	17	0.2	15	0.1	94	0.1
Other endocrine/nutritional/metabolic	10	0.1	16	0.2	25	0.3	19	0.3	19	0.2	26	0.3	17	0.2	26	0.3	158	0.2
All endocrine/nutritional/metabolic dis.	115	1.4	126	1.5	158	1.8	144	1.6	163	1.8	159	1.7	153	1.6	164	1.6	1,182	1.6
Diseases of the nervous system and sense organs																		
Alzheimer's disease	51	0.6	62	0.7	57	0.6	64	0.7	80	0.8	77	0.7	76	0.7	55	0.5	522	0.7
All nervous system diseases	112	1.4	144	1.7	146	1.7	159	1.8	181	1.9	180	1.9	210	2.1	157	1.5	1,289	1.8
Diseases of the circulatory system																		
Ischaemic heart disease	989	11.8	995	11.6	1,004	11.4	991	10.9	1,015	10.9	1,180	12.1	1,016	10.1	1,006	9.7	8,196	11.0
Cerebrovascular disease/stroke	422	5.0	413	4.7	459	5.1	481	5.2	488	5.0	488	4.9	496	4.8	498	4.6	3,745	4.9
Diseases of the arteries	145	1.7	153	1.8	129	1.4	144	1.5	136	1.4	141	1.4	131	1.2	147	1.4	1,126	1.5
Rheumatic/valvular diseases	59	0.7	58	0.7	68	0.8	66	0.7	62	0.7	66	0.7	73	0.7	70	0.6	522	0.7
Cardiomyopathies	48	0.6	51	0.6	46	0.5	42	0.5	33	0.4	39	0.4	46	0.5	50	0.5	355	0.5
Congestive heart failure	137	1.6	150	1.7	148	1.6	148	1.6	168	1.7	152	1.5	174	1.6	171	1.5	1,248	1.6
Conduction dis. & cardiac dysrhythmia	94	1.1	99	1.1	115	1.3	101	1.1	114	1.2	116	1.2	115	1.1	133	1.2	887	1.2
Other circulatory system diseases	93	1.1	95	1.1	84	0.9	88	1.0	97	1.0	100	1.0	108	1.1	90	0.9	755	1.0
All circulatory system diseases	1,987	23.6	2,014	23.3	2,053	23.1	2,061	22.5	2,113	22.3	2,282	23.1	2,159	21.2	2,165	20.4	16,834	22.4
Respiratory Diseases																		
Pneumonia/ influenza	248	2.9	235	2.7	253	2.8	215	2.3	211	2.2	237	2.3	242	2.3	278	2.5	1,919	2.5
Chronic pulmonary diseases	190	2.2	190	2.2	245	2.7	205	2.2	254	2.7	276	2.8	275	2.6	245	2.3	1,880	2.5
Asthma	12	0.1	12	0.1	19	0.2	21	0.2	26	0.3	17	0.2	18	0.2	17	0.2	142	0.2
Pulmonary fibrosis	9	0.1	31	0.3	17	0.2	22	0.2	24	0.2	16	0.2	31	0.3	25	0.2	175	0.2

Detailed Mortality Tables, British Columbia, 1991-1998

Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	32	0.4	40	0.5	43	0.5	57	0.6	41	0.4	53	0.5	49	0.5	43	0.4	358	0.5
All respiratory diseases	491	5.8	508	5.8	577	6.4	520	5.6	556	5.8	599	5.9	615	5.9	608	5.7	4,474	5.9
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	50	0.7	48	0.6	52	0.6	45	0.6	50	0.6	45	0.5	32	0.4	44	0.5	366	0.6
Other liver diseases	11	0.1	15	0.2	10	0.1	16	0.2	13	0.2	10	0.1	16	0.2	13	0.1	104	0.2
Gastrointestinal ulcers	26	0.3	23	0.3	15	0.2	17	0.2	22	0.2	18	0.2	25	0.2	19	0.2	165	0.2
Upper gastrointestinal inflammation	6	0.1	3	0.0	3	0.0	3	0.0	3	0.0	2	0.0	3	0.0	1	-	24	0.0
Noninfective enteritis and colitis	25	0.3	14	0.2	33	0.4	21	0.2	19	0.2	25	0.2	29	0.3	29	0.3	195	0.3
Biliary tract diseases	12	0.1	7	0.1	4	0.1	7	0.1	11	0.1	15	0.2	9	0.1	7	0.1	72	0.1
Disease of the pancreas	3	0.0	6	0.1	5	0.1	6	0.1	3	0.0	6	0.1	4	0.0	13	0.1	46	0.1
Gastrointestinal hemorrhage	20	0.2	26	0.3	20	0.2	27	0.3	16	0.2	16	0.2	20	0.2	24	0.2	169	0.2
Other diseases of the digestive system	30	0.4	27	0.3	43	0.5	53	0.6	43	0.4	40	0.4	37	0.4	53	0.5	326	0.4
All diseases of the digestive system	183	2.3	169	2.0	185	2.2	195	2.2	180	2.0	177	1.9	175	1.8	203	2.1	1,467	2.0
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	59	0.7	64	0.8	45	0.5	47	0.5	59	0.6	56	0.6	48	0.5	77	0.7	455	0.6
All diseases of the genitourinary sys.	84	1.0	87	1.0	68	0.8	72	0.8	82	0.9	71	0.7	72	0.7	96	0.9	632	0.8
Congenital anomalies																		
Congenital anomalies - nervous system	1	0.0	1	0.0	4	0.1	2	0.0	2	0.0	1	0.0	3	0.0	1	-	15	0.0
Congenital anomalies - circulatory sys.	9	0.2	8	0.1	11	0.2	7	0.1	9	0.2	6	0.1	10	0.2	8	0.1	68	0.1
Congenital anomalies - urinary system	5	0.1	4	0.0	1	0.0	2	0.0	2	0.0	2	0.0	-	-	-	-	16	0.0
Other congenital anomalies	10	0.2	9	0.2	9	0.2	1	0.0	7	0.1	4	0.1	6	0.1	11	0.2	57	0.1
All congenital anomalies	25	0.4	22	0.4	25	0.4	12	0.2	20	0.3	13	0.2	19	0.3	20	0.3	156	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	3	0.1	3	0.1	3	0.1	-	-	3	0.1	-	-	1	0.0	1	-	14	0.0
Respiratory distress syndrome	3	0.1	2	0.0	2	0.0	1	0.0	5	0.1	-	-	-	-	-	-	13	0.0
Hypoxia & other respiratory conditions	2	0.0	5	0.1	3	0.1	5	0.1	3	0.1	1	0.0	4	0.1	4	0.1	27	0.1
Maternal complications of labour	3	0.1	1	0.0	3	0.1	1	0.0	4	0.1	3	0.1	-	-	-	-	15	0.0
Other causes of perinatal mortality	5	0.1	4	0.1	2	0.0	6	0.1	1	0.0	10	0.2	7	0.2	3	0.1	38	0.1
All causes of perinatal mortality	16	0.3	15	0.3	13	0.3	13	0.3	16	0.3	14	0.3	12	0.3	8	0.2	107	0.3
Sudden infant death syndrome	6	0.1	8	0.2	7	0.1	9	0.2	4	0.1	5	0.1	4	0.1	-	-	43	0.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	67	1.2	66	1.2	54	0.9	72	1.2	83	1.3	64	0.9	39	0.6	38	0.5	483	1.0
Other transportation accidents	7	0.1	14	0.2	7	0.1	7	0.1	10	0.2	5	0.1	8	0.1	2	-	60	0.1
Accidental drowning	20	0.3	14	0.2	14	0.2	17	0.3	14	0.2	17	0.2	9	0.1	13	0.2	118	0.2
Accidental poisoning	22	0.4	35	0.6	74	1.2	49	0.8	36	0.5	50	0.7	64	1.0	73	1.0	403	0.8
Accidental falls	77	0.9	82	1.0	80	0.9	87	1.0	97	1.1	78	0.8	88	0.8	94	0.9	683	0.9
Fire and flames	4	0.1	5	0.1	11	0.2	4	0.1	5	0.1	5	0.1	5	0.0	9	0.1	48	0.1
Suicide	67	1.1	67	1.1	80	1.2	98	1.4	92	1.3	101	1.5	101	1.4	90	1.2	696	1.3
Homicide	11	0.2	8	0.1	16	0.3	11	0.2	10	0.2	12	0.2	15	0.2	12	0.2	95	0.2
Other accidents and violence	41	0.6	30	0.4	39	0.6	41	0.6	52	0.6	41	0.6	54	0.7	39	0.5	337	0.6
All accidents and violence	316	4.8	321	4.9	375	5.6	386	5.5	399	5.4	373	5.1	383	5.0	370	4.6	2,923	5.1

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Status Indians in North West	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	64	74.4	71	93.2	85	95.8	86	97.7	75	72.8	80	82.4	74	72.1	82	75.0	617	82.4
Infectious and Parasitic Diseases																		
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	1	0.8	-	-	1	0.1
Septicemia	2	1.2	-	-	1	1.7	1	1.3	3	3.3	1	1.4	-	-	3	2.6	11	1.5
AIDS/HIV infections	-	-	-	-	-	-	-	-	2	1.1	-	-	-	-	-	-	2	0.1
Viral hepatitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other infectious and parasitic diseases	-	-	-	-	2	1.7	-	-	-	-	1	1.4	-	-	-	-	3	0.4
All infectious and parasitic diseases	2	1.2	-	-	3	3.4	1	1.3	5	4.4	2	2.7	1	0.8	3	2.6	17	2.1
Cancers																		
Gastrointestinal cancers	2	3.6	4	6.3	6	6.7	6	8.0	5	6.5	5	4.7	3	3.4	4	3.6	35	5.3
Respiratory system cancers	1	1.8	2	2.9	2	2.4	6	7.2	2	2.8	7	8.2	4	4.7	1	1.2	25	4.0
Female breast cancer	1	0.8	-	-	-	-	2	1.4	1	0.7	2	2.0	1	0.6	2	1.1	9	0.9
Female reproductive system cancers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.2	1	0.2
Prostate cancer	1	0.0	1	0.0	3	0.0	1	0.0	1	0.0	-	-	1	0.0	-	-	8	0.0
Bladder, kidney and urinary tract	2	3.5	3	4.2	1	1.7	1	1.3	1	0.9	-	-	-	-	1	1.2	9	1.5
Blood & lymph system cancers	-	-	1	3.4	-	-	1	0.0	1	2.8	1	0.0	3	4.9	1	-	8	1.4
Skin, bone & connective tissue cancers	-	-	-	-	1	1.2	1	0.0	-	-	3	1.2	-	-	-	-	5	0.3
Brain cancers	2	1.2	-	-	1	0.9	-	-	-	-	-	-	-	-	-	-	3	0.2
Other cancers	3	4.8	2	3.6	-	-	1	1.3	1	0.9	1	1.1	1	1.4	4	4.1	13	2.1
All cancers	12	17.1	13	20.5	14	16.9	19	23.2	12	14.8	19	19.7	13	13.9	14	13.7	116	17.3
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	1	1.8	1	1.6	1	1.6	2	3.0	1	1.2	3	3.2	-	-	2	1.8	11	1.8
Obesity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nutritional deficiencies	-	-	-	-	-	-	-	-	1	0.9	-	-	-	-	-	-	1	0.1
Fluid and electrolyte imbalances	1	1.8	-	-	-	-	-	-	-	-	-	-	-	-	1	1.2	2	0.4
Other endocrine/nutritional/metabolic	1	0.4	-	-	-	-	-	-	1	1.2	-	-	-	-	-	-	2	0.2
All endocrine/nutritional/metabolic dis.	3	4.0	1	1.6	1	1.6	2	3.0	3	3.4	3	3.2	-	-	3	3.0	16	2.4
Diseases of the nervous system and sense organs																		
Alzheimer's disease	-	-	1	1.8	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
All nervous system diseases	-	-	1	1.8	-	-	-	-	-	-	-	-	2	1.7	2	1.7	5	0.7
Diseases of the circulatory system																		
Ischaemic heart disease	7	8.9	7	9.9	14	20.6	9	11.2	10	12.5	11	12.5	9	11.1	8	7.8	75	11.8
Cerebrovascular disease/stroke	5	9.0	7	10.2	5	6.7	3	4.7	3	2.6	2	2.5	5	6.5	2	2.5	32	5.4
Diseases of the arteries	-	-	-	-	1	1.5	1	0.5	-	-	2	1.6	-	-	-	-	4	0.4
Rheumatic/valvular diseases	-	-	1	1.6	2	2.7	-	-	-	-	2	1.8	1	0.6	2	2.5	8	1.2
Cardiomyopathies	1	1.2	-	-	-	-	2	2.1	1	0.5	1	1.1	2	1.7	-	-	7	0.8
Congestive heart failure	1	1.8	3	5.3	-	-	5	7.7	1	1.5	4	5.5	3	3.9	-	-	17	3.1
Conduction dis. & cardiac dysrhythmia	-	-	2	3.5	2	3.2	-	-	2	2.4	3	3.2	2	2.3	1	1.2	12	2.0
Other circulatory system diseases	-	-	-	-	1	1.6	1	1.5	1	0.5	2	2.6	-	-	4	3.7	9	1.4
All circulatory system diseases	14	20.9	20	30.5	25	36.3	21	27.7	18	20.0	27	30.8	22	26.2	17	17.7	164	26.0
Respiratory Diseases																		
Pneumonia/ influenza	3	4.8	2	3.6	8	10.1	2	2.0	1	1.5	3	4.1	6	6.9	5	6.1	30	4.9
Chronic pulmonary diseases	1	1.8	2	3.6	1	1.0	2	3.2	-	-	1	1.3	1	0.8	1	1.2	9	1.5
Asthma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary fibrosis	-	-	-	-	-	-	-	-	1	1.3	-	-	-	-	1	1.2	2	0.4

All Status Indians in North West	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	-	-	1	1.8	1	1.7	2	2.8	-	-	-	-	1	1.3	1	1.2	6	1.1
All respiratory diseases	4	6.6	5	8.9	10	12.8	6	8.0	2	2.8	4	5.4	8	9.0	8	9.8	47	7.8
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	-	-	3	4.1	-	-	-	-	3	2.7	1	1.3	-	-	2	1.7	9	1.2
Other liver diseases	1	1.8	-	-	1	1.0	-	-	2	1.6	-	-	1	0.8	-	-	5	0.6
Gastrointestinal ulcers	-	-	1	1.8	1	0.9	-	-	-	-	1	1.4	1	1.4	2	2.5	6	1.0
Upper gastrointestinal inflammation	-	-	-	-	1	1.7	1	1.7	-	-	-	-	-	-	-	-	2	0.4
Noninfective enteritis and colitis	-	-	-	-	-	-	1	1.7	-	-	-	-	-	-	1	1.2	2	0.4
Biliary tract diseases	1	1.8	-	-	-	-	-	-	1	1.3	-	-	-	-	1	1.0	3	0.5
Disease of the pancreas	-	-	-	-	-	-	-	-	-	-	2	1.9	1	1.1	-	-	3	0.4
Gastrointestinal hemorrhage	-	-	-	-	-	-	1	1.5	-	-	-	-	-	-	-	-	1	0.2
Other diseases of the digestive system	-	-	2	2.7	1	1.7	-	-	1	1.5	-	-	1	1.3	1	1.2	6	1.0
All diseases of the digestive system	2	3.6	6	8.6	4	5.2	3	4.8	7	7.1	4	4.5	4	4.6	7	7.6	37	5.8
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	1	1.8	4	7.1	-	-	2	3.1	1	1.5	1	1.4	1	1.3	-	-	10	1.8
All diseases of the genitourinary sys.	1	1.8	4	7.1	1	1.7	2	3.1	1	1.5	1	1.4	1	1.3	-	-	11	2.0
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	1	0.4	-	-	-	-	-	-	-	-	-	-	1	0.1
Congenital anomalies - circulatory sys.	-	-	1	0.6	-	-	-	-	-	-	2	1.0	-	-	-	-	3	0.2
Congenital anomalies - urinary system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other congenital anomalies	-	-	2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
All congenital anomalies	-	-	3	1.3	1	0.4	-	-	-	-	2	1.0	-	-	-	-	6	0.4
Causes of perinatal mortality																		
Immaturity, short gestation	-	-	-	-	-	-	-	-	1	0.4	-	-	-	-	-	-	1	0.1
Respiratory distress syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hypoxia & other respiratory conditions	-	-	1	0.4	-	-	-	-	1	0.4	-	-	-	-	-	-	2	0.1
Maternal complications of labour	-	-	-	-	1	0.4	-	-	-	-	1	0.4	-	-	-	-	2	0.1
Other causes of perinatal mortality	-	-	-	-	-	-	-	-	-	-	1	0.4	-	-	-	-	1	0.1
All causes of perinatal mortality	-	-	1	0.4	1	0.4	-	-	2	0.9	2	0.8	-	-	-	-	6	0.3
Sudden infant death syndrome	4	1.5	2	0.7	1	0.4	1	0.4	3	1.3	-	-	2	0.8	-	-	13	0.7
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	5	4.0	2	1.0	4	2.4	3	1.7	3	1.7	2	1.1	4	2.2	5	2.3	28	2.0
Other transportation accidents	-	-	1	1.1	1	0.6	2	1.0	-	-	-	-	-	-	3	1.5	7	0.5
Accidental drowning	1	0.5	-	-	1	0.8	5	2.8	-	-	2	1.8	-	-	2	1.3	11	0.9
Accidental poisoning	-	-	2	1.6	6	3.7	2	1.2	-	-	2	1.1	5	2.8	2	1.2	19	1.4
Accidental falls	-	-	1	1.8	1	1.7	1	1.5	4	5.2	1	1.4	-	-	3	3.0	11	1.8
Fire and flames	2	1.7	-	-	-	-	1	1.7	-	-	-	-	-	-	-	-	3	0.4
Suicide	5	2.5	1	0.6	7	5.2	5	2.5	3	1.6	4	3.0	4	2.1	7	3.6	36	2.7
Homicide	1	0.5	1	0.4	1	0.5	2	1.1	1	0.6	-	-	-	-	-	-	6	0.4
Other accidents and violence	1	1.7	4	2.7	1	0.5	4	4.3	5	2.6	-	-	2	1.2	1	0.6	18	1.7
All accidents and violence	15	11.0	12	9.2	22	15.2	25	17.9	16	11.8	11	8.4	15	8.2	23	13.4	139	11.8

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Others in North West	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	223	81.4	196	70.3	194	71.0	202	68.8	225	79.3	206	69.6	204	66.4	212	67.2	1,662	71.6
Infectious and Parasitic Diseases																		
Tuberculosis	1	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Septicemia	3	1.3	-	-	-	-	1	0.2	2	0.5	1	0.5	1	0.5	1	0.3	9	0.4
AIDS/HIV infections	-	-	-	-	-	-	-	-	-	-	1	0.2	-	-	-	-	1	0.0
Viral hepatitis	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2	-	-	1	0.0
Other infectious and parasitic diseases	-	-	-	-	1	0.5	1	0.2	-	-	1	0.3	-	-	-	-	3	0.1
All infectious and parasitic diseases	4	1.9	-	-	1	0.5	2	0.3	2	0.5	3	1.0	2	0.6	1	0.3	15	0.6
Cancers																		
Gastrointestinal cancers	16	6.0	15	5.9	9	3.8	22	7.1	15	5.3	15	5.1	12	3.8	16	4.5	120	5.2
Respiratory system cancers	20	6.8	14	4.4	21	7.5	20	6.1	28	9.4	20	6.3	21	6.3	12	3.7	156	6.3
Female breast cancer	5	1.0	6	1.6	3	1.1	4	1.5	2	0.4	4	1.0	7	1.4	-	-	31	1.0
Female reproductive system cancers	5	2.3	2	0.6	2	0.6	2	0.3	2	0.3	1	0.3	2	0.6	2	0.3	18	0.7
Prostate cancer	6	0.0	4	0.0	3	0.0	4	0.0	1	0.0	2	0.0	-	-	1	-	21	0.0
Bladder, kidney and urinary tract	2	0.8	1	0.4	-	-	2	0.7	2	0.9	4	1.5	2	0.5	4	1.0	17	0.7
Blood & lymph system cancers	5	1.8	4	0.8	5	0.8	3	0.0	6	2.0	3	1.0	4	1.8	10	2.1	40	1.3
Skin, bone & connective tissue cancers	-	-	4	1.4	2	0.7	1	0.4	1	0.6	2	0.3	1	0.3	2	0.6	13	0.5
Brain cancers	2	0.7	1	0.6	5	1.4	2	0.3	2	0.6	2	0.6	3	0.9	2	0.3	19	0.7
Other cancers	4	1.5	4	1.4	2	0.5	3	1.1	5	1.8	6	1.8	3	1.2	4	1.2	31	1.3
All cancers	65	23.7	55	18.8	52	18.2	63	20.4	64	21.3	59	19.2	55	16.2	53	14.8	466	19.0
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	1	0.5	5	2.4	9	4.4	1	0.2	6	2.7	1	0.5	9	3.7	8	2.6	40	2.1
Obesity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.5	1	0.1
Nutritional deficiencies	-	-	-	-	-	-	1	0.3	1	0.5	-	-	-	-	-	-	2	0.1
Fluid and electrolyte imbalances	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other endocrine/nutritional/metabolic	-	-	-	-	-	-	1	0.2	1	0.5	2	0.6	1	0.2	-	-	5	0.2
All endocrine/nutritional/metabolic dis.	1	0.5	5	2.4	9	4.4	3	0.8	8	3.7	3	1.1	10	3.9	9	3.1	48	2.5
Diseases of the nervous system and sense organs																		
Alzheimer's disease	1	0.5	2	0.8	3	1.5	2	1.0	1	0.5	1	0.5	1	0.5	1	0.3	12	0.7
All nervous system diseases	2	0.8	3	1.2	8	3.2	4	1.4	4	1.1	6	1.8	3	1.2	3	0.8	33	1.4
Diseases of the circulatory system																		
Ischaemic heart disease	44	19.2	33	12.6	30	11.6	36	13.3	47	17.5	27	9.7	29	9.6	34	10.7	280	12.9
Cerebrovascular disease/stroke	15	5.9	10	4.6	10	3.7	17	6.9	10	4.2	18	6.8	9	3.9	13	5.2	102	5.2
Diseases of the arteries	4	1.6	3	1.7	2	1.1	1	0.5	1	0.5	3	1.1	2	0.9	5	1.9	21	1.2
Rheumatic/valvular diseases	4	1.5	2	0.8	2	0.7	4	1.4	3	1.3	3	0.9	2	0.8	1	0.1	21	0.9
Cardiomyopathies	1	0.2	1	0.6	4	1.4	3	0.9	-	-	2	0.3	1	0.3	1	0.3	13	0.5
Congestive heart failure	5	2.2	3	1.7	3	1.6	4	2.1	6	2.8	7	3.2	6	2.8	10	4.1	44	2.6
Conduction dis. & cardiac dysrhythmia	2	0.6	2	0.4	3	1.6	3	1.6	4	1.5	5	2.0	6	2.8	5	2.3	30	1.6
Other circulatory system diseases	4	1.6	2	0.4	1	0.2	5	1.9	4	1.5	4	1.5	4	1.1	8	2.3	32	1.3
All circulatory system diseases	79	32.8	56	22.8	55	21.9	73	28.5	75	29.3	69	25.7	59	22.3	77	27.0	543	26.2
Respiratory Diseases																		
Pneumonia/ influenza	8	3.1	8	4.1	11	5.1	4	2.1	10	4.5	6	2.4	7	2.3	9	3.6	63	3.4
Chronic pulmonary diseases	7	2.8	6	2.9	6	2.5	8	3.7	6	2.3	8	3.2	7	2.8	6	2.3	54	2.8
Asthma	-	-	-	-	-	-	-	-	2	1.0	-	-	-	-	2	0.9	4	0.3
Pulmonary fibrosis	-	-	-	-	-	-	-	-	-	-	1	0.5	1	0.2	1	0.3	3	0.1

All Others in North West	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	2	0.7	1	0.4	2	0.5	-	-	1	0.4	1	0.2	1	0.2	1	0.5	9	0.3
All respiratory diseases	17	6.6	15	7.4	19	8.1	12	5.7	19	8.1	16	6.2	16	5.4	19	7.5	133	6.9
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	1	0.3	4	1.1	3	1.1	1	0.2	1	0.2	2	0.3	1	0.3	3	0.9	16	0.5
Other liver diseases	-	-	-	-	1	0.3	-	-	1	0.3	-	-	1	0.3	-	-	3	0.1
Gastrointestinal ulcers	3	1.1	1	0.6	-	-	1	0.4	2	0.7	-	-	-	-	2	0.7	9	0.4
Upper gastrointestinal inflammation	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.0
Noninfective enteritis and colitis	1	0.5	1	0.2	-	-	-	-	1	0.2	2	1.0	1	0.5	1	0.3	7	0.4
Biliary tract diseases	-	-	1	0.6	-	-	-	-	-	-	-	-	-	-	-	-	1	0.1
Disease of the pancreas	1	0.2	1	0.2	-	-	-	-	-	-	-	-	-	-	1	0.5	3	0.1
Gastrointestinal hemorrhage	1	0.5	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-	2	0.1
Other diseases of the digestive system	1	0.4	1	0.6	3	1.3	1	0.5	1	0.3	-	-	2	0.5	1	0.5	10	0.5
All diseases of the digestive system	9	3.3	9	3.2	8	3.2	3	1.1	6	1.6	4	1.3	5	1.5	8	2.9	52	2.2
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	-	-	2	1.0	4	2.2	1	0.3	1	0.5	4	1.3	9	3.3	2	0.8	23	1.2
All diseases of the genitourinary sys.	2	1.1	2	1.0	7	3.3	1	0.3	2	1.0	8	2.8	11	4.3	3	1.2	36	1.9
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	-	-	1	0.2	-	-	1	0.2	-	-	-	-	2	0.0
Congenital anomalies - circulatory sys.	-	-	-	-	-	-	2	0.4	-	-	-	-	2	0.4	-	-	4	0.1
Congenital anomalies - urinary system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2	1	0.0
Other congenital anomalies	1	0.2	1	0.2	-	-	-	-	1	0.2	-	-	-	-	1	0.2	4	0.1
All congenital anomalies	1	0.2	1	0.2	-	-	3	0.6	1	0.2	1	0.2	2	0.4	2	0.4	11	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	2	0.3	-	-	-	-	-	-	1	0.2	-	-	1	0.2	-	-	4	0.1
Respiratory distress syndrome	1	0.2	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	2	0.0
Hypoxia & other respiratory conditions	-	-	2	0.4	-	-	-	-	-	-	-	-	-	-	-	-	2	0.0
Maternal complications of labour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other causes of perinatal mortality	-	-	-	-	1	0.2	-	-	-	-	-	-	-	-	1	0.2	2	0.0
All causes of perinatal mortality	3	0.5	2	0.4	1	0.2	1	0.2	1	0.2	-	-	1	0.2	1	0.2	10	0.2
Sudden infant death syndrome	1	0.2	-	-	-	-	1	0.2	2	0.4	-	-	-	-	-	-	4	0.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	8	1.9	8	1.6	11	2.3	14	2.8	9	1.8	5	1.0	7	1.3	5	0.9	67	1.7
Other transportation accidents	3	0.6	1	0.2	1	0.2	1	0.2	1	0.3	-	-	2	0.4	1	0.1	10	0.3
Accidental drowning	5	1.0	5	1.1	2	0.4	3	0.7	4	0.7	4	0.9	-	-	1	0.2	24	0.6
Accidental poisoning	6	1.2	2	0.4	6	1.2	3	0.5	3	0.6	3	0.7	2	0.3	5	1.1	30	0.7
Accidental falls	4	1.5	3	1.3	-	-	3	1.2	1	0.5	3	1.5	4	1.7	3	1.4	21	1.1
Fire and flames	4	1.1	5	1.0	-	-	-	-	-	-	-	-	-	-	-	-	9	0.2
Suicide	3	0.6	7	1.6	2	0.4	5	1.0	7	1.6	5	1.1	7	1.4	8	1.5	44	1.1
Homicide	-	-	2	0.4	-	-	1	0.3	1	0.2	-	-	4	0.9	1	0.2	9	0.2
Other accidents and violence	3	0.6	5	1.4	5	0.9	1	0.2	2	0.7	5	1.0	2	0.5	1	0.2	24	0.7
All accidents and violence	36	8.3	38	9.1	27	5.3	31	6.9	28	6.4	25	6.1	28	6.5	25	5.5	238	6.8

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Status Indians in North East	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	127	113.7	121	112.9	122	106.5	108	84.0	104	75.9	121	90.7	129	89.4	124	87.5	956	94.0
Infectious and Parasitic Diseases																		
Tuberculosis	-	-	-	-	-	-	2	2.1	2	1.5	2	1.5	-	-	1	1.0	7	0.8
Septicemia	-	-	1	1.4	-	-	-	-	-	-	1	0.4	2	0.9	1	0.9	5	0.5
AIDS/HIV infections	-	-	1	0.5	1	0.4	-	-	1	0.6	1	0.4	2	0.9	-	-	6	0.4
Viral hepatitis	-	-	1	1.5	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
Other infectious and parasitic diseases	-	-	1	0.2	-	-	-	-	1	0.2	-	-	-	-	-	-	2	0.1
All infectious and parasitic diseases	-	-	4	3.7	1	0.4	2	2.1	4	2.3	4	2.3	4	1.9	2	1.9	21	1.8
Cancers																		
Gastrointestinal cancers	4	5.5	8	9.6	2	2.3	7	8.7	6	4.6	6	4.8	5	4.9	6	5.1	44	5.6
Respiratory system cancers	4	6.0	5	7.0	2	2.0	1	1.3	7	7.3	3	2.7	5	4.0	4	3.4	31	4.1
Female breast cancer	1	0.8	1	0.7	1	1.3	2	2.1	-	-	3	2.5	1	1.0	-	-	9	1.0
Female reproductive system cancers	-	-	-	-	3	2.4	1	1.0	1	0.4	-	-	-	-	4	3.8	9	1.0
Prostate cancer	1	0.0	-	-	1	0.0	2	0.0	-	-	-	-	3	0.0	2	-	9	0.0
Bladder, kidney and urinary tract	-	-	1	0.7	1	1.3	1	0.5	1	1.1	-	-	-	-	-	-	4	0.4
Blood & lymph system cancers	4	0.0	2	0.0	1	2.5	2	0.0	1	1.1	3	5.5	2	0.0	1	-	16	1.2
Skin, bone & connective tissue cancers	-	-	-	-	-	-	-	-	-	-	1	0.8	1	2.2	-	-	2	0.4
Brain cancers	1	1.0	-	-	1	0.9	-	-	-	-	1	0.5	-	-	1	0.9	4	0.4
Other cancers	-	-	-	-	-	-	1	0.6	-	-	3	2.5	1	0.5	2	2.0	7	0.8
All cancers	15	17.8	17	21.0	12	12.8	17	18.8	16	14.1	20	16.1	18	16.5	20	17.7	135	16.8
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	2	2.7	1	1.1	-	-	-	-	1	1.1	-	-	2	1.5	1	1.0	7	0.9
Obesity	-	-	-	-	-	-	-	-	2	1.2	-	-	-	-	-	-	2	0.1
Nutritional deficiencies	-	-	-	-	-	-	-	-	-	-	1	0.6	-	-	-	-	1	0.1
Fluid and electrolyte imbalances	1	1.4	-	-	-	-	-	-	1	0.4	-	-	-	-	1	0.4	3	0.3
Other endocrine/nutritional/metabolic	1	0.2	-	-	-	-	-	-	-	-	1	0.6	-	-	-	-	2	0.1
All endocrine/nutritional/metabolic dis.	4	4.4	1	1.1	-	-	-	-	4	2.7	2	1.1	2	1.5	2	1.4	15	1.5
Diseases of the nervous system and sense organs																		
Alzheimer's disease	-	-	-	-	1	1.3	-	-	-	-	-	-	-	-	1	0.9	2	0.3
All nervous system diseases	1	1.0	-	-	2	1.9	1	1.2	-	-	-	-	3	1.8	3	2.1	10	1.0
Diseases of the circulatory system																		
Ischaemic heart disease	10	11.7	12	16.0	11	13.3	4	4.0	7	6.8	11	11.0	11	10.0	8	7.1	74	9.8
Cerebrovascular disease/stroke	2	2.2	10	12.4	7	8.6	5	5.2	6	5.2	8	7.8	5	5.1	6	5.6	49	6.5
Diseases of the arteries	-	-	5	7.1	2	2.2	1	0.2	-	-	-	-	1	1.0	-	-	9	1.2
Rheumatic/valvular diseases	-	-	1	0.5	1	0.9	-	-	-	-	1	0.6	3	2.6	2	0.8	8	0.7
Cardiomyopathies	1	0.5	1	0.7	1	1.2	1	1.3	-	-	2	1.0	2	1.5	-	-	8	0.8
Congestive heart failure	4	5.7	-	-	7	9.1	5	5.3	3	3.6	-	-	1	1.0	3	3.0	23	3.4
Conduction dis. & cardiac dysrhythmia	1	1.4	-	-	2	2.5	1	1.3	2	1.2	3	3.0	4	3.4	5	5.0	18	2.4
Other circulatory system diseases	5	5.3	2	2.2	2	1.8	2	2.5	3	1.8	-	-	1	1.1	1	0.4	16	1.7
All circulatory system diseases	23	26.8	31	38.9	33	39.7	19	19.7	21	18.5	25	23.4	28	25.6	25	22.0	205	26.4
Respiratory Diseases																		
Pneumonia/ influenza	4	5.5	3	3.9	8	8.6	4	4.3	5	4.6	6	6.9	4	4.1	8	6.1	42	5.4
Chronic pulmonary diseases	1	1.4	3	3.6	2	2.6	1	1.0	-	-	2	2.3	2	2.1	1	0.9	12	1.7
Asthma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary fibrosis	1	1.4	-	-	1	1.4	-	-	1	1.1	1	1.0	1	1.0	-	-	5	0.7

All Status Indians in North East	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	3	3.3	-	-	1	1.3	1	1.0	2	1.9	2	2.3	-	-	1	0.3	10	1.2
All respiratory diseases	9	11.7	6	7.5	12	13.8	6	6.2	8	7.7	11	12.6	7	7.2	10	7.4	69	9.0
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	4	3.5	4	3.6	2	1.7	5	3.4	1	1.2	1	0.4	3	1.7	5	2.9	25	2.2
Other liver diseases	-	-	-	-	-	-	2	1.5	1	0.6	1	0.5	1	0.5	-	-	5	0.4
Gastrointestinal ulcers	-	-	1	1.4	-	-	-	-	1	0.9	1	0.4	-	-	-	-	3	0.3
Upper gastrointestinal inflammation	1	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
Noninfective enteritis and colitis	-	-	1	1.4	1	0.9	-	-	-	-	-	-	-	-	2	1.4	4	0.5
Biliary tract diseases	-	-	-	-	-	-	-	-	1	1.2	1	0.9	-	-	1	0.9	3	0.4
Disease of the pancreas	-	-	2	1.9	-	-	-	-	-	-	-	-	-	-	2	1.5	4	0.4
Gastrointestinal hemorrhage	-	-	1	1.1	1	1.0	1	1.3	-	-	-	-	1	1.1	-	-	4	0.5
Other diseases of the digestive system	1	1.7	1	1.4	2	2.6	-	-	1	0.6	1	1.0	-	-	-	-	6	0.8
All diseases of the digestive system	6	6.6	10	10.8	6	6.2	9	6.1	5	4.5	5	3.2	5	3.3	10	6.7	55	5.8
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	-	-	3	3.0	2	2.6	1	1.3	2	2.4	1	1.0	4	3.7	-	-	13	1.8
All diseases of the genitourinary sys.	1	1.3	4	4.4	2	2.6	1	1.3	2	2.4	1	1.0	5	4.0	1	1.0	17	2.2
Congenital anomalies																		
Congenital anomalies - nervous system	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2	-	-	1	0.0
Congenital anomalies - circulatory sys.	-	-	1	0.3	-	-	1	0.3	1	0.2	-	-	-	-	1	0.2	4	0.1
Congenital anomalies - urinary system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other congenital anomalies	1	0.2	-	-	3	0.7	-	-	-	-	-	-	-	-	-	-	4	0.1
All congenital anomalies	1	0.2	1	0.3	3	0.7	1	0.3	1	0.2	-	-	1	0.2	1	0.2	9	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	1	0.2	-	-	-	-	-	-	-	-	1	0.2	2	0.5	-	-	4	0.1
Respiratory distress syndrome	2	0.4	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-	3	0.1
Hypoxia & other respiratory conditions	-	-	-	-	-	-	-	-	1	0.2	-	-	1	0.2	-	-	2	0.1
Maternal complications of labour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other causes of perinatal mortality	-	-	2	0.5	-	-	3	0.7	-	-	1	0.2	-	-	1	0.2	7	0.2
All causes of perinatal mortality	3	0.7	3	0.7	-	-	3	0.7	1	0.2	2	0.5	3	0.7	1	0.2	16	0.5
Sudden infant death syndrome	4	0.9	1	0.2	2	0.5	1	0.2	2	0.5	-	-	2	0.5	1	0.2	13	0.4
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	19	10.5	7	3.2	19	11.6	18	8.5	13	6.3	12	4.7	11	5.2	18	7.5	117	7.1
Other transportation accidents	1	0.6	-	-	-	-	-	-	1	0.4	-	-	-	-	-	-	2	0.1
Accidental drowning	1	0.7	6	3.1	1	0.7	1	0.3	-	-	1	0.4	4	1.6	-	-	14	0.8
Accidental poisoning	-	-	2	0.9	8	4.4	4	1.7	3	1.4	6	3.2	7	3.1	4	1.5	34	2.1
Accidental falls	1	1.4	3	3.2	1	0.9	1	0.3	2	2.4	5	3.5	4	4.1	5	3.7	22	2.5
Fire and flames	8	4.0	6	1.9	1	0.3	1	0.7	2	1.2	1	1.2	-	-	-	-	19	1.1
Suicide	10	5.1	9	4.3	6	2.4	4	1.9	4	1.5	5	2.5	11	4.2	4	2.1	53	3.0
Homicide	3	1.2	2	0.6	2	0.9	8	3.9	3	1.2	4	1.7	3	1.9	2	0.9	27	1.6
Other accidents and violence	4	3.4	3	1.9	4	2.2	2	1.0	2	0.9	5	2.4	4	1.6	3	1.8	27	1.9
All accidents and violence	47	26.9	38	19.2	42	23.4	39	18.2	30	15.2	39	19.5	44	21.6	36	17.4	315	20.1

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

All Others in North East	Detailed Mortality Tables, British Columbia, 1991-1998																	
Underlying Cause of Death	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
All causes of death	1,094	75.5	1,012	68.0	1,098	70.9	1,108	68.9	1,166	69.3	1,256	71.9	1,191	67.2	1,292	71.1	9,217	70.3
Infectious and Parasitic Diseases																		
Tuberculosis	-	-	-	-	1	0.1	-	-	1	0.1	2	0.1	1	0.1	1	0.1	6	0.1
Septicemia	8	0.6	5	0.4	10	0.8	4	0.3	10	0.7	6	0.3	5	0.3	7	0.4	55	0.5
AIDS/HIV infections	3	0.1	-	-	2	0.1	5	0.2	4	0.1	6	0.2	-	-	3	0.1	23	0.1
Viral hepatitis	1	0.0	-	-	1	0.0	1	0.0	2	0.1	2	0.1	1	0.0	4	0.2	12	0.1
Other infectious and parasitic diseases	3	0.3	4	0.2	2	0.1	5	0.3	4	0.2	2	0.1	1	0.1	5	0.3	26	0.2
All infectious and parasitic diseases	15	1.0	9	0.6	16	1.1	15	0.8	21	1.2	18	0.9	8	0.5	20	1.0	122	0.9
Cancers																		
Gastrointestinal cancers	75	5.3	72	4.6	67	4.3	87	5.3	87	5.0	75	4.2	96	5.4	85	4.5	644	4.8
Respiratory system cancers	86	5.7	82	5.5	104	6.6	99	5.9	92	5.2	113	6.3	84	4.4	116	6.4	776	5.7
Female breast cancer	21	1.4	27	1.5	22	1.4	24	1.3	19	0.9	24	1.1	31	1.7	36	1.8	204	1.4
Female reproductive system cancers	15	0.9	20	1.2	10	0.7	16	0.8	17	0.9	14	0.8	14	0.7	8	0.4	114	0.8
Prostate cancer	24	0.0	15	0.0	19	0.0	21	0.0	26	0.0	22	0.0	23	0.0	20	-	170	0.0
Bladder, kidney and urinary tract	11	0.7	12	0.7	9	0.5	8	0.4	15	0.9	18	0.9	8	0.4	20	1.0	101	0.7
Blood & lymph system cancers	23	0.9	23	1.4	24	1.7	33	1.8	33	1.3	33	1.6	36	1.8	31	1.3	236	1.5
Skin, bone & connective tissue cancers	8	0.4	5	0.6	10	0.5	7	0.5	5	0.2	10	0.7	11	0.9	9	0.4	65	0.5
Brain cancers	2	0.1	7	0.3	5	0.2	10	0.4	5	0.3	11	0.6	9	0.4	9	0.4	58	0.4
Other cancers	19	1.2	11	0.6	18	1.2	21	1.3	24	1.4	23	1.2	27	1.5	25	1.3	168	1.2
All cancers	284	19.2	274	17.5	288	18.0	326	19.3	323	18.5	343	18.9	339	18.4	359	19.1	2,536	18.6
Endocrine/nutritional/metabolic dis. & immunity disorders																		
Diabetes	15	1.1	20	1.5	19	1.3	25	1.6	28	1.8	37	2.3	24	1.4	30	1.8	198	1.6
Obesity	1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	0.0
Nutritional deficiencies	3	0.3	3	0.3	1	0.1	3	0.2	2	0.2	1	0.1	2	0.1	1	0.1	16	0.2
Fluid and electrolyte imbalances	1	0.1	5	0.5	1	0.1	6	0.4	-	-	1	0.1	3	0.2	4	0.3	21	0.2
Other endocrine/nutritional/metabolic	2	0.1	5	0.3	5	0.3	5	0.2	6	0.3	2	0.1	5	0.2	4	0.2	34	0.2
All endocrine/nutritional/metabolic dis.	22	1.7	33	2.5	26	1.7	39	2.5	36	2.2	41	2.5	34	2.0	40	2.3	271	2.2
Diseases of the nervous system and sense organs																		
Alzheimer's disease	8	0.7	10	0.9	8	0.6	12	0.9	18	1.3	13	1.0	8	0.6	20	1.3	97	0.9
All nervous system diseases	24	1.9	22	1.6	22	1.5	26	1.9	31	2.1	39	2.4	25	1.6	35	2.1	224	1.9
Diseases of the circulatory system																		
Ischaemic heart disease	187	13.6	172	12.8	196	13.5	157	10.8	191	11.8	196	12.0	201	11.8	223	12.7	1,523	12.3
Cerebrovascular disease/stroke	66	5.0	56	4.3	65	5.1	64	4.6	72	5.0	73	4.8	74	4.7	87	5.5	557	4.9
Diseases of the arteries	13	1.0	18	1.5	23	1.6	21	1.4	22	1.6	30	2.0	17	1.1	26	1.4	170	1.5
Rheumatic/valvular diseases	12	0.9	9	0.8	9	0.6	10	0.7	6	0.4	14	0.9	9	0.6	10	0.6	79	0.7
Cardiomyopathies	7	0.5	3	0.2	5	0.3	8	0.5	10	0.6	9	0.5	9	0.5	7	0.3	58	0.4
Congestive heart failure	24	2.0	32	2.7	41	3.3	33	2.6	29	2.1	33	2.3	30	2.1	41	2.6	263	2.5
Conduction dis. & cardiac dysrhythmia	16	1.3	12	0.9	17	1.3	21	1.4	23	1.5	29	2.0	28	1.8	29	1.8	175	1.6
Other circulatory system diseases	20	1.4	14	1.0	15	1.0	18	1.1	16	1.0	20	1.1	19	1.2	14	0.9	136	1.1
All circulatory system diseases	345	25.8	316	24.2	371	26.8	332	23.1	369	23.9	404	25.5	387	23.9	437	25.9	2,961	24.9
Respiratory Diseases																		
Pneumonia/ influenza	45	3.9	41	3.3	43	3.2	41	3.0	44	3.1	36	2.4	45	3.1	45	2.8	340	3.1
Chronic pulmonary diseases	44	3.5	48	3.6	40	3.0	57	4.1	48	3.5	65	4.3	44	2.9	53	3.3	399	3.5
Asthma	3	0.2	3	0.3	2	0.1	1	0.1	4	0.2	5	0.2	4	0.2	1	0.1	23	0.2
Pulmonary fibrosis	3	0.3	2	0.1	2	0.1	1	0.1	1	0.1	2	0.1	1	0.1	7	0.3	19	0.1

All Others in North East	Detailed Mortality Tables, British Columbia, 1991-1998																	
	1991		1992		1993		1994		1995		1996		1997		1998		1991 - 1998	
Underlying Cause of Death	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR	No.	ASMR
Other respiratory diseases	7	0.5	3	0.2	10	0.8	5	0.4	6	0.4	10	0.6	19	1.1	12	0.7	72	0.6
All respiratory diseases	102	8.4	97	7.5	97	7.2	105	7.7	103	7.2	118	7.7	113	7.4	118	7.2	853	7.5
Diseases of the digestive system																		
Chronic liver disease and cirrhosis	13	0.8	13	0.7	14	0.7	11	0.5	13	0.7	11	0.5	7	0.3	16	0.6	98	0.6
Other liver diseases	7	0.5	-	-	5	0.3	8	0.5	5	0.3	3	0.1	1	0.1	-	-	29	0.2
Gastrointestinal ulcers	7	0.5	10	0.7	3	0.2	8	0.6	6	0.4	3	0.2	5	0.3	3	0.1	45	0.4
Upper gastrointestinal inflammation	-	-	2	0.1	-	-	-	-	-	-	1	0.1	-	-	-	-	3	0.0
Noninfective enteritis and colitis	6	0.4	10	0.7	5	0.4	4	0.2	5	0.3	5	0.3	7	0.4	7	0.4	49	0.4
Biliary tract diseases	2	0.2	-	-	1	0.0	2	0.1	1	0.0	-	-	2	0.1	2	0.1	10	0.1
Disease of the pancreas	2	0.2	5	0.3	1	0.1	1	0.1	3	0.2	3	0.1	4	0.2	3	0.2	22	0.2
Gastrointestinal hemorrhage	5	0.4	2	0.2	5	0.4	3	0.2	5	0.4	4	0.3	8	0.6	7	0.5	39	0.4
Other diseases of the digestive system	7	0.6	7	0.5	6	0.5	6	0.4	10	0.7	9	0.6	7	0.5	8	0.5	60	0.5
All diseases of the digestive system	49	3.6	49	3.2	40	2.6	43	2.7	48	3.0	39	2.1	41	2.5	46	2.5	355	2.7
Diseases of the genitourinary system																		
Renal failure, nephritis, nephrosis	12	1.0	12	0.9	9	0.7	10	0.7	8	0.6	11	0.6	12	0.8	8	0.5	82	0.7
All diseases of the genitourinary sys.	15	1.3	14	1.0	11	0.9	13	0.9	12	0.8	16	1.0	18	1.2	12	0.8	111	1.0
Congenital anomalies																		
Congenital anomalies - nervous system	2	0.1	-	-	2	0.1	1	0.0	1	0.0	1	0.0	1	0.0	-	-	8	0.0
Congenital anomalies - circulatory sys.	1	0.0	3	0.1	2	0.1	2	0.1	1	0.0	4	0.2	3	0.2	4	0.2	20	0.1
Congenital anomalies - urinary system	2	0.1	-	-	1	0.0	1	0.0	1	0.0	-	-	-	-	1	0.1	6	0.0
Other congenital anomalies	5	0.2	2	0.1	2	0.1	3	0.1	2	0.1	3	0.1	-	-	4	0.2	21	0.1
All congenital anomalies	10	.0.4	5	0.2	7	0.3	7	0.3	5	0.2	8	0.4	4	0.2	9	0.4	55	0.3
Causes of perinatal mortality																		
Immaturity, short gestation	2	0.1	3	0.1	1	0.0	2	0.1	3	0.1	4	0.2	-	-	1	-	16	0.1
Respiratory distress syndrome	-	-	1	0.0	-	-	1	0.0	-	-	2	0.1	1	0.0	1	-	6	0.0
Hypoxia & other respiratory conditions	-	-	3	0.1	1	0.0	4	0.2	-	-	3	0.1	-	-	3	0.1	14	0.1
Maternal complications of labour	-	-	-	-	3	0.1	1	0.0	1	0.0	-	-	1	0.0	-	-	6	0.0
Other causes of perinatal mortality	3	0.1	5	0.2	4	0.2	2	0.1	2	0.1	4	0.2	4	0.2	2	0.1	26	0.1
All causes of perinatal mortality	5	0.2	12	0.5	9	0.4	10	0.4	6	0.2	13	0.5	6	0.2	7	0.3	68	0.3
Sudden infant death syndrome	5	0.2	3	0.1	7	0.3	1	0.0	2	0.1	3	0.1	2	0.1	2	0.1	25	0.1
Accidents and violence (External causes)																		
Motor vehicle traffic accidents	58	2.7	39	1.6	47	1.9	43	1.8	64	2.4	60	2.3	68	2.5	44	1.8	423	2.1
Other transportation accidents	11	0.4	5	0.2	2	0.1	6	0.2	6	0.2	2	0.1	6	0.2	8	0.3	46	0.2
Accidental drowning	5	0.2	11	0.4	10	0.4	8	0.4	8	0.3	6	0.3	7	0.3	7	0.3	62	0.3
Accidental poisoning	8	0.3	4	0.2	16	0.6	11	0.5	5	0.2	21	0.8	13	0.4	16	0.6	94	0.5
Accidental falls	21	1.6	11	0.9	18	1.2	14	1.0	14	0.9	11	0.8	9	0.6	11	0.7	109	0.9
Fire and flames	3	0.1	6	0.2	3	0.2	3	0.1	3	0.2	6	0.3	-	-	1	0.1	25	0.1
Suicide	33	1.5	32	1.4	33	1.4	32	1.3	27	1.1	27	1.1	34	1.4	23	0.8	241	1.2
Homicide	7	0.3	10	0.4	7	0.3	10	0.4	6	0.2	14	0.5	6	0.2	5	0.2	65	0.3
Other accidents and violence	30	1.6	13	0.7	25	1.2	30	1.4	25	1.0	21	0.9	29	1.3	25	1.1	198	1.2
All accidents and violence	176	8.9	131	6.1	161	7.3	157	7.0	158	6.5	168	7.0	172	6.9	140	5.8	1,263	6.9

Notes: ASMR - Age Standardized Mortality Rates are deaths per 10,000 Standard Population, rounded to 1 decimal point.

Appendix 3
Allocation of Local Health Areas (LHAs) to the Four Administrative Areas

South Mainland Area	Vancouver Island Area	North West Area	North East Area
001 Fernie	047 Powell River	050 Queen Charlotte	025 100 Mile House
002 Cranbrook	061 Greater Victoria	051 Snow Country	027 Cariboo-Chilcotin
003 Kimberley	062 Sooke	052 Prince Rupert	028 Quesnel
004 Windermere	063 Saanich	080 Kitimat	049 Bella Coola Valley (split)
005 Creston	064 Gulf Islands	081 Fort Nelson	053 Upper Skeena
006 Kootenay Lake	065 Cowichan	087 Stikine	054 Smithers
007 Nelson	066 Lake Cowichan	088 Terrace	055 Burns Lake
009 Castlegar	067 Ladysmith	092 Nisga'a	056 Nechako
010 Arrow Lakes	068 Nanaimo	094 Telegraph Creek	057 Prince George
011 Trail	069 Qualicum		059 Peace River South
012 Grand Forks	070 Alberni		060 Peace River North
013 Kettle Valley	071 Courtenay		
014 Southern Okanagan	072 Campbell River		
015 Penticton	084 Vancouver Island West		
016 Keremeos	085 Vancouver Island North		
017 Princeton			
018 Golden			
019 Revelstoke			
020 Salmon Arm			
021 Armstrong-Spallumcheen			
022 Vernon			
023 Central Okanagan			
024 Kamloops			
026 North Thompson			
029 Lillooet			
030 South Cariboo			
031 Merritt			
032 Hope			
033 Chilliwack			
034 Abbotsford			
035 Langley			
036 Surrey			
037 Delta			
038 Richmond			
040 New Westminster			
041 Burnaby			
042 Maple Ridge			
043 Coquitlam			
044 North Vancouver			
045 West Vancouver-Bowen Island			
046 Sunshine Coast			
048 Howe Sound			
049 Bella Coola Valley (split)			
075 Mission			
076 Agassiz-Harrison			
077 Summerland			
078 Enderby			
083 Central Coast			
161 Vancouver City Centre			
162 Vancouver Downtown Eastside			
163 Vancouver North East			
164 Vancouver West Side			
165 Vancouver Midtown			
166 Vancouver South			
169 Vancouver Unknown			